The CHEMIST AND DRUGGIST

Established 1859 28 Essex Street, Strand, London, W.C.2 *Registered as a Newspaper*

No. 2938
VOL. CXXIV

MAY 30, 1936

Annual Subscription (with Diary) 20/-. *Single Copies* 9*d.*

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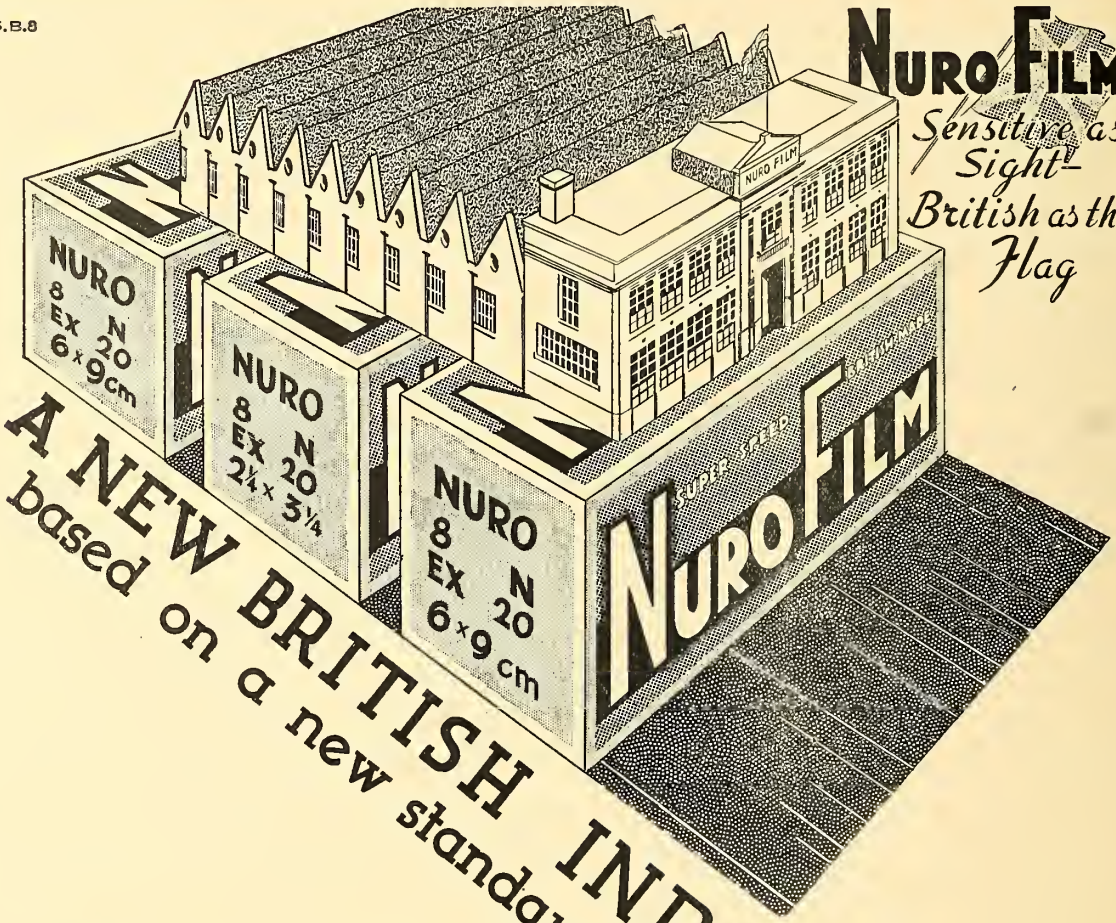

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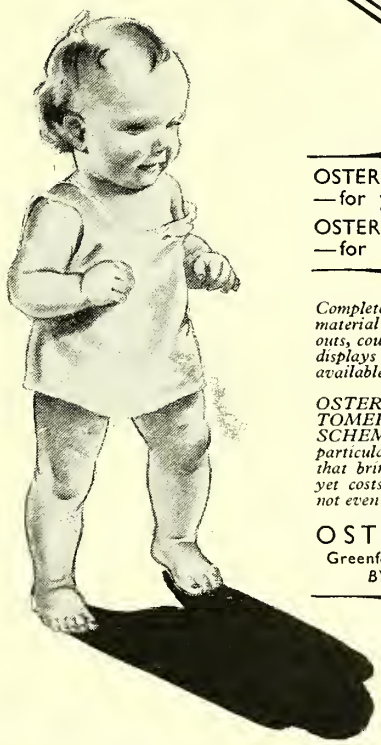

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16 oz. TIN

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G.L.180

A A

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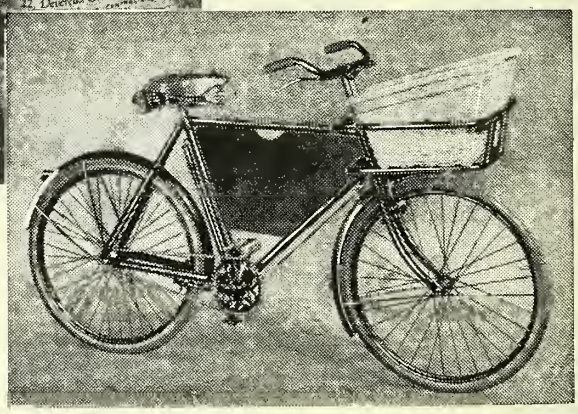
A service of this kind is appreciated by your customers, and your messenger is the best type of advertisement your business can have.



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T.G.S.

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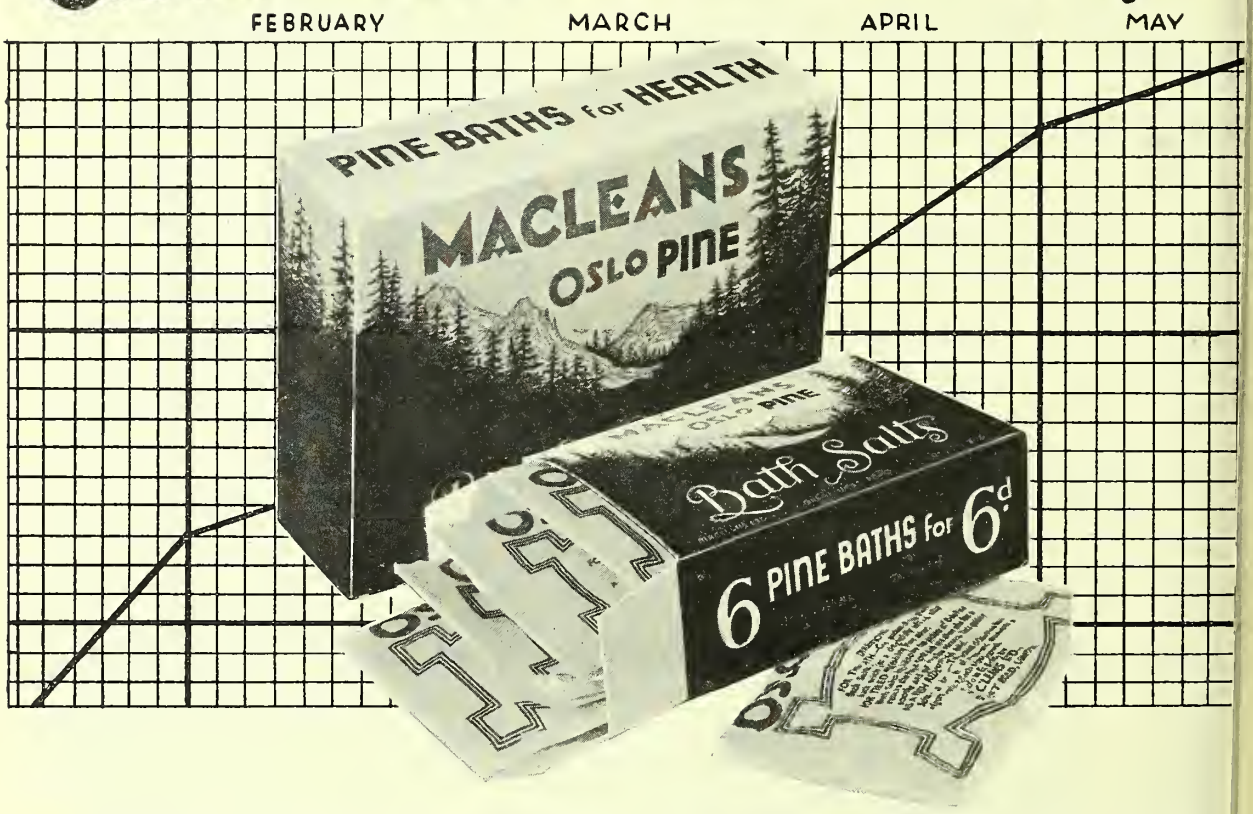

Here is the story of Macleans Oslo Pine Bath Salts. It has never been advertised. It has hardly been pushed at all. It has been neglected in favour of much more spectacular Maclean products. But Oslo refuses to die. 1935 sales were 33⅓% up on 1933; 1936 sales are 64% up on 1935. April and May sales have just beaten all records. And the fame of the product has grown to such an extent that national newspapers and magazines recommend it freely in their beauty columns!

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So we have decided to indulge in an extensive sampling scheme for Oslo Pine Bath Salts. Thousands of free samples will be issued right through the Summer season and judging by the results from test distributions the sales of this line will be doubled! Sales are already increasing to such an extent that we would urge chemists to display this line now. Oslo Pine Bath Salts show from 33⅓% to 46% profit on turnover. For best terms write to Macleans Ltd., Great West Road, Brentford. Ealing 6616.

Single dozens { *6d. size, 4/- per dozen.* / *1/- size, 8/- per dozen.*

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The New **Schering** *Tonic*

(FREE FROM ALL RESTRICTIONS)

Propaganda to the medical profession has begun AND WILL BE MAINTAINED

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WRIGHT'S GAS RADIATORS

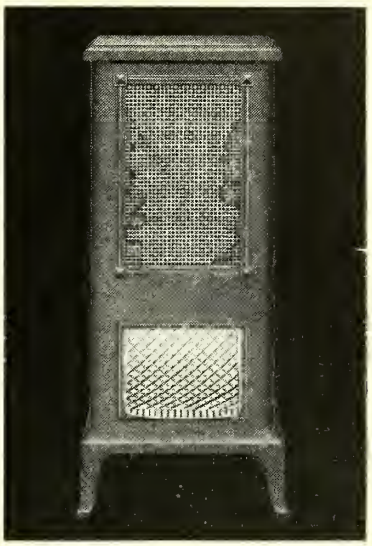
YOUR customers want to shop in comfort—warm your premises with Wright's Gas Radiators.

These radiators, made in two distinct types and several different sizes, ensure economical heating without attention and with complete reliability. They need no stoking and create no smoke or dust to damage stock. Installation is simple and effected without hindrance to business.

Each type of radiator is obtainable in a variety of colour finishes suitable for installation in any class of shop.

For the pharmacy there is no better method of heating.

Illustrated lists of Wright's Gas Radiators will be sent on request to "C.D." Dept.



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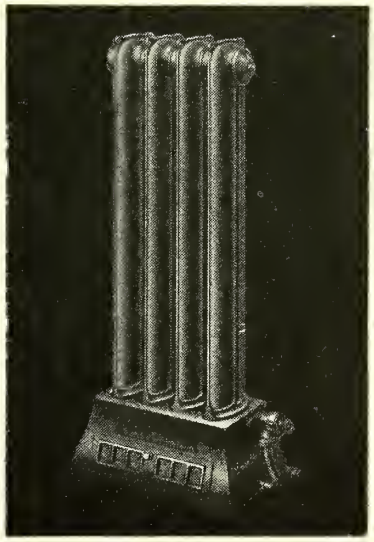
The attractive lines of the "Console" together with the wide choice of colour finishes, make it the most suitable radiator for business premises. It is made in six sizes, giving a choice of three heights and two widths.



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Designers & Makers of Quality Glassware for Perfumery.

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WAGNER'S DRY BOTTLE CAPS
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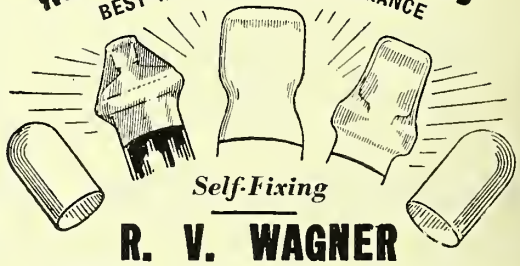

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Having an agreeable banana flavour, the taste of this preparation is preferred by many people to the ordinary Syrup. Except for the flavour its composition and activity are identical with that of StaffAllenS standard preparation.

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3 oz.	,,	1	,,	,, ,,
4 oz.	,,	1	,,	,, ,,
6 oz.	,,	6 dozen	,,	,,
8 oz.	,,	6	,,	,, ,,
10 oz.	,,	4	,,	,, ,,
12 oz.	,,	4	,,	,, ,,
16 oz.	,,	4	,,	,, ,,
20 oz.	,,	3	,,	,, ,,

IMPROVED SERVICE

All Screw Caps are now fitted with *RESISTOL*-faced Liners.

U. G. B. washed and sterilized medical bottles have everywhere proved a labour-saving and economical proposition. The unique U.G.B. process passes every single bottle, whether Cork Mouth or for Screw Caps, through boiling distilled water and dries in superheated filtered air.

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40/43 NORFOLK STREET, STRAND, LONDON, W.C.2.

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tempting twelve million !

See how the toothbrushes LEAP out of this advertisement. Selling Halex to 12,595,755 readers—that's the circulation of this year's Halex* advertisements ! We set out to tempt 12 million—and we're succeeding. UP went Halex toothbrush sales from the very first day this big-space advertising began. Sales are still climbing. Get your share—feature this help-yourself Halex show-stand. It reminds. It sells !

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* Halex advertisements are now appearing in

RADIO TIMES	*Everywoman's*
Daily Express	*Home Chat*
Daily Mail	*Home Notes*
Daily Herald	*Lady*
News Chronicle	*Miss Modern*
Daily Mirror	*Modern Woman*
Daily Sketch	*People's Friend*
Glasgow Bulletin	*Wife and Home*

Woman and Home

A total circulation of 12,595,755!

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ARE MADE IN ENGLAND

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2nd Prize **£25** Wm. Wilson, 189 Barkerend Road, Bradford.

3rd Prize **£10** F. Roberts and J. Hudson, 658 Hanworth Road, Hounslow, Middlesex.

4th Prize **£5** W. Spyvee, 30 Southgate, Sleaford.

The Window-Dressing Competition proved even more successful than was anticipated. So many really novel and clever displays were submitted that the judging of the final winners presented quite a formidable task.

From accounts received from every side, the Competition was successful in more than one aspect. Not only were immediate sales of Wright's Coal Tar Soap greatly increased as a result of attracting thousands of extra entrants for the big £500 Slogan Competition for consumers, but clever window displays succeeded in doing valuable selling work. By graphically presenting Wright's special qualities to the public, they did a great deal to convince both competition customers and casual passers-by that Wright's Coal Tar Soap is the safest and most refreshing soap for bath and toilet. New, *regular* customers have been won, and it will not be long before every entrant for the Window-Dressing Competition will be enjoying extra profits from new, record-breaking sales.

CONSOLATION PRIZE-WINNERS

R. R. S. Lawrence, M.P.S., 43 Gardner Street, Brighton. W. Travis, 84 North Street, Bedminster, Bristol. S. Robinson, 19 Froad Street, Blaenavon, Mon. F. S. Howe, p.p. Arthur Howe, 642 Beverley High Road, Hull. C. Coleman, M.P.S., 68 High Street, Chatham, Kent. W. C. Lawrie, 105 Corporation Road, Workington, Cumberland. B. Lloyd, M.P.S. and H. G. Riley, 13 College Road, Handsworth, Birmingham, 20. A. B. Gaze, M.P.S., c/o O. Morry, 11 Driftbridge Parade, Epsom Downs, Surrey. O. J. Shivas, M.P.S., 124 Winson Green Road, Birmingham. D. H. Moore, M.P.S., Ashcombe Pharmacy, Weston-super-Mare. Lewis Sloper, M.P.S., 401 Wimborne Road, Bournemouth. W. A. Bales, 52 Albany Road, Coventry. Charles Saunders, 50 High Street, Highgate, N.6. A. P. Wallace, 14 Bridge Street, Aberdeen. J. Hunter Smith, 8-12 Glassford Street, Glasgow. A. F. Blackman, Ph. C., p.p. W. H. Fowler & Co. Ltd., 37 Brighton Road, Redhill, Surrey. J. Hart, New Road, St. Sampsons, Guernsey. F. C. Stock, 80 Main Street, Garforth, Nr. Leeds. R. Harrison Watson, M.P.S., 800 Beverley High Road, Hull. Saunders & Cresswell, 57 High Street, Braintree. A. Goldthorpe, 70 Herbert Road, Plumstead, S.E.18. S. T. James, M.P.S., 420 Hoe Street, Walthamstow, E.17. H. A. Martin, The Shirley Pharmacy, Shirley, Birmingham. Alan Morgan, 97 Market Street, Chorley, Lancs. Vernon Thompson, Sparkbrook, Birmingham.

PRIZE-WINNING DEALERS IN CONNECTION WITH THE SLOGAN COMPETITION

1st Prize £10. Taylor's Drug Co. Ltd., Crossgates, Leeds.
2nd Prize £5. D. Pugh-Jones, Upper Belsize Terrace, London, N.W.3
3rd Prize £2. E. B. Grant, 5 High Street, Berwick-on-Tweed.

10 Prizes of £1 each

Mr. Banwell, Tudor Road, Southend-on-Sea.
G. Coverdale's Sons, Parliament Street, York.
E. Spencer, 180 Moss Lane East, Moss Side, Manchester, 15.
Messrs. Andrew Collie & Co., 269-271 Union Street, Aberdeen.
Taylor's Drug Co., 570 Meanwood Road, Leeds, 6.
F. E. Herrington, Dunstable.
Messrs. Chas. Hubbard & Son, Green End, Whitchurch, Salop.
F. Roberts & Co., 69 Old Dover Road, Blackheath, S.E.3.
Hodder's, London Road, Kingston-on-Thames.
Taylor's Drug Store, Western Road, Brighton.

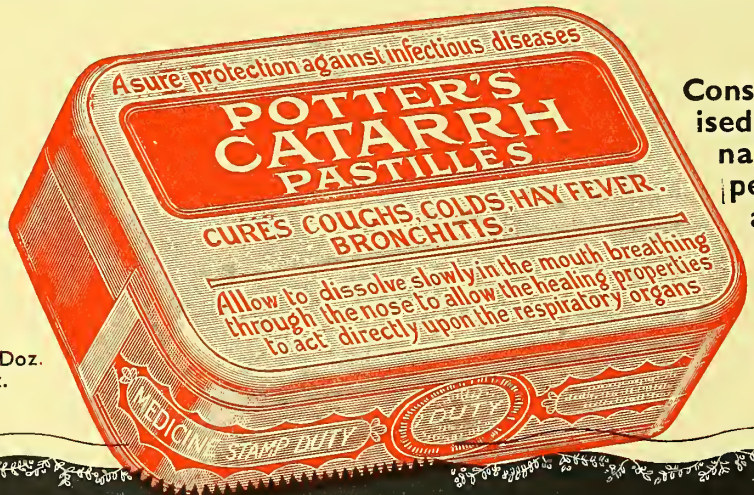
A word of thanks to dealers

The proprietors of Wright's Coal Tar Soap would like to take this opportunity of thanking all competitors for their wholehearted co-operation, and for the real trouble taken over displays, which were all of an exceptionally high standard.

These two Remedies are always backed by

★ **BONUS TERMS**
★ **NATIONAL ADVERTISING**
★ **60 YEARS A HOUSEHOLD WORD**

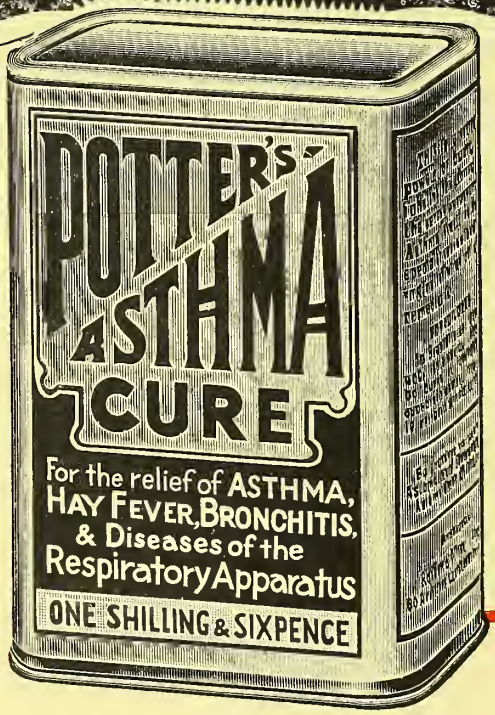
POTTER'S ASTHMA & CATARRH REMEDIES



Consistently advertised in all the great national newspapers thus ensuring a big demand

P.A.T.A. 1/3, 11/– Doz.
Packed in ½ Doz.

POTTER & CLARKE LTD.



Retail 1/6, Wholesale 14/– doz.
Packed in ½ Doz.

60-64 ARTILLERY LANE, LONDON, E.1
'PHONE : BISHOPSGATE 4761 (5 lines)
'GRAMS : HOREHOUND, PHONE, LONDON

77 DANTZIC STREET, MANCHESTER, 4
'PHONE : BLACKFRIARS 8734
'GRAMS : HOREHOUND, MANCHESTER

BONUS TERMS
POTTER'S ASTHMA REMEDIES
On orders for 6 dozen Potter's Asthma Remedies and/or Catarrh Pastilles we offer a bonus discount of 5% (Journey account, or if no journey, monthly account) in return for a window display of these goods. The prices of Potter's Advertised Remedies are

POTTER'S ASTHMA CURE 14/- doz.
POTTER'S ASTHMA CIGARETTES 14/- doz.
POTTER'S SMOKING MIXTURE 7/- doz.
POTTER'S CATARRH PASTILLES 11/- doz.

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DENTIFRICES

TOOTH POWDER TOOTH PASTE
DENTURE POWDER

Bought on Display Terms yield

PROFIT ON SELLING PRICE	PROFIT ON BUYING PRICE
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BRITISH OWNED BRITISH MADE

EUCRYL LTD. Manufacturing Chemists-SOUTHAMPTON

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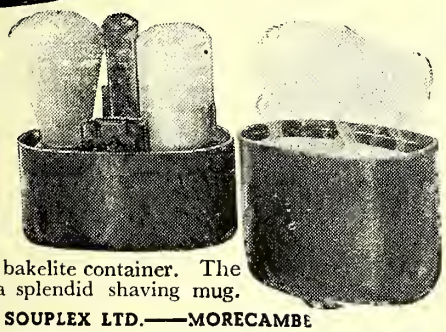
2 QUICK SELLERS!

A SOUPLEX TOOTHBRUSH

in a neat container of mottled bakelite, handy for the traveller, hygienic for all.

SOUPLEX 3/6

THE SOUPLEX SENIOR SHAVING SET



A Souplex razor, brush, soap and blades in compact bakelite container. The lid makes a splendid shaving mug.

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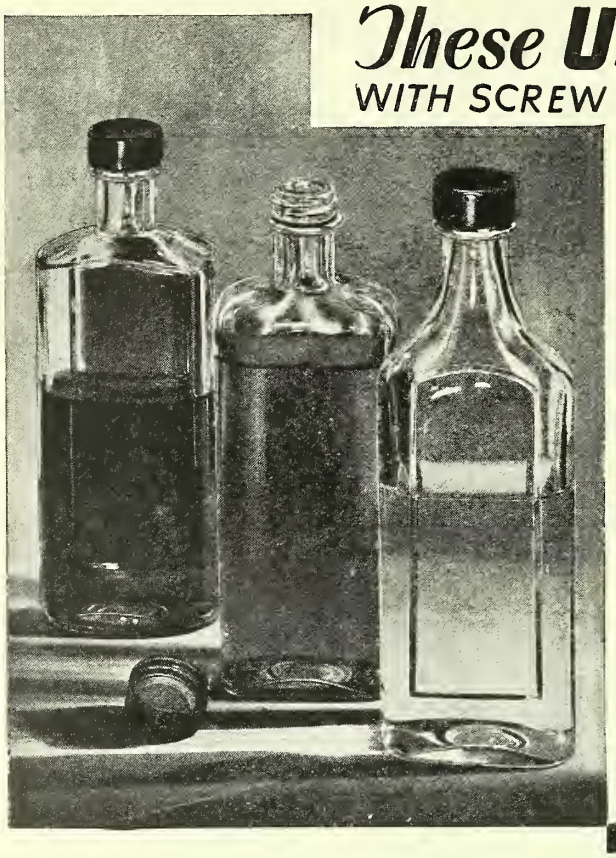
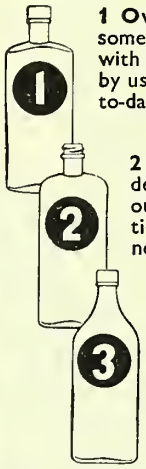
These USEFUL BOTTLES
WITH SCREW NECKS AND MOULDED CAPS



These three bottles from the Beatson, Clark range of pharmaceutical and medical glass ware, are modern designs which suggest a sense of quality to the user.



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3 Taper Neck Panel Flat—another handsome design which is very popular amongst retail chemists for packing their own lines.

Numbers 1 and 2 designs are also stocked with cork as well as screw necks.

Stocks of all sizes in each series are maintained and consequently we are able to give immediate attention to orders.

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ROTHERHAM, YORKS.

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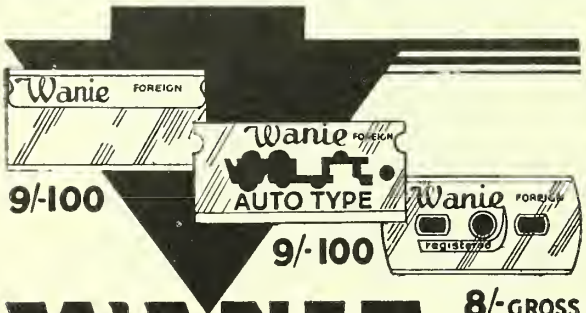

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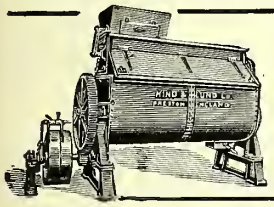

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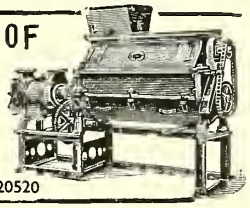

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A GREAT ANTI-DISTEMPER SPECIFIC

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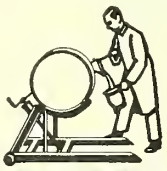

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A 1/3 Line Costing 5/6 per Dozen.
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Prevents chapped hands
Tubes 6d. & 1/-
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Aluminium Containers 2/6. From wholesaler or direct. Show matter and literature supplied on request to
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The merits of this famous health tea from South America are well known. Stimulating, nourishing, it is invaluable for Rheumatism, Dyspepsia, &c. Once introduced, it means regular customers all the year round. Why not get your share of this business? We will send you sample dozen elegantly packed for 4/9 C.O.D.
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Will send Samples and Showcards upon request.

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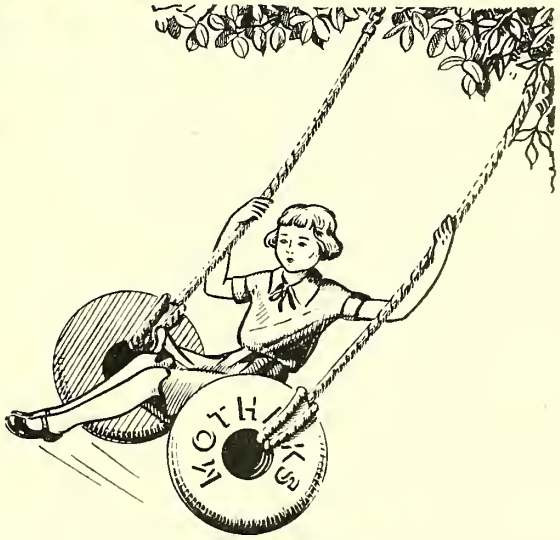

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Display our very striking showcard in your window and connect up with the advertising. You will have record sales this year.

This is the new showcard, size 10¼" × 8¼" in yellow and mauve. Very attractive and an efficient silent salesman.

WHOLESALE TERMS:

Per Dozen Bags - - 4/- net.
3 dozen and over, carriage paid
Six Dozen Bags - - 24/- net.
and 3 Bonus

SPECIAL TERMS:

Per Gross Bags - - - 48/-
Orders for One Gross are subject to a Special Cash Discount of 2/6 and orders for Three Gross a Special Cash Discount of 12/6 if paid by the 15th of the month following date of invoice, otherwise strictly net.

This is the display carton, holding one dozen bags of "MOTHAKS." The same colour design as the showcard—mauve and yellow. Takes up but little room and sells "MOTHAKS" without effort.

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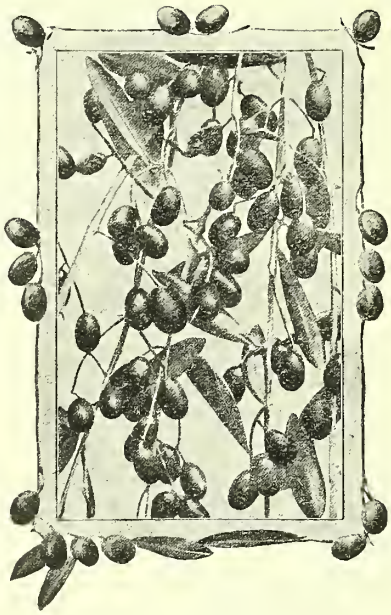

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CHEMIST AND DRUGGIST
A Weekly Journal of Pharmacy, the Drug, Chemical and Allied Trades

The official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland, and of other Chemists' Societies in Overseas Dominions

PUBLISHED AT
28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams : "Chemicus, Estrand, London" *Telephone : Central 6565 (10 lines)*

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VOL. 124. NO. 2938 MAY 30, 1936

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News of the Week

Dangerous Drugs Acts, 1920-32

(From "The London Gazette," May 26, 1936)

SUSPENSION OF WITHDRAWAL OF AUTHORISATION

SALOMON JULIUS ABRAHAMS

The Home Secretary gives notice that he has suspended until further Order the operation of the Notice, dated March 18, 1931, and published in the London Gazette and Edinburgh Gazette on March 20, 1931, withdrawing from Salomon Julius Abrahams, L.R.C.P., L.R.C.S. Edin., L.R.F.P.S. Glasgow, the authority granted by the Regulations made under the Dangerous Drugs Act, 1920, to duly qualified medical practitioners to be in possession of and to supply raw opium, coca leaves and Indian hemp, and the drugs and preparations to which Part III of the Act applies ; and has also suspended the direction, given at the same time, that it should not be lawful for Dr. Abrahams to give prescriptions for the purposes of the aforesaid Regulations.

Whitehall, May 26, 1936.

Shops Bill in Parliament

The short Bill promoted for adding the words "the business of lending books or periodicals when carried on for purposes of gain" to Section 19 (1) of the Shops Act, 1912, was amended by Standing Committee B of the House of Commons on May 21. The Bill as amended is obtainable (price 1d.) at H.M. Stationery Office.

Listed Sellers' Activities

In West Ham 116 applications have already been received from persons asking to become listed sellers of poisons.

It was reported to the Kent County Council, on May 20, that 1,500 applications had been made by traders for entry of their names in the Council's list as entitled to sell poisons in Part II of the Poisons List, and that 900 cases had already been dealt with.

The secretary of the Worthing and West Sussex Grocers' Association stated, at a recent meeting, that apparently any local authority could refuse to enter on or might remove from the list the name of any person for any sufficient reason as laid down in the Act. He believed that one of their members had been refused a licence.

The Durham County chief inspector has reported that 115 applications from traders who desire to become listed sellers of poisons have been investigated and approved. With respect to applications from persons of doubtful character, or whose premises are unsuitable, arrangements have been made by the clerk of the County Council in such cases for the inspectors of weights and measures to collaborate with the police in arriving at decisions.

At a meeting of the North-Eastern Council of Grocers' Associations, held at Darlington on May 20, the president said the Pharmacy and Poisons Act was proving a bone of contention in the grocery trade, and the number of fresh points raised every time the Act came under discussion was amazing. There was great reluctance on the part of many retailers to pay the registration fee. A member remarked that some manufacturing firms were offering to pay the retailer's registration fee if he undertook to stock their products.

Hull's medical officer of health (Dr. N. Gebbie) was asked by Councillor Spilman, at a meeting of the Corporation cleansing and sanitary committee on May 20, to correct the mistake of referring to certain people as "druggists" in the lists of those authorised under the Pharmacy and Poisons Act, 1933, to sell poisons. A druggist, he said, was a pharmacist, and it was not fair to a pharmacist to describe these people

as "druggists." Councillor Spilman also asked if the medical officer had a sufficiently large staff adequately to inspect and control shops where poisons were sold. There were now approximately 200 sellers of poisons in Hull, which suggested an enormous risk of accident. Dr. Gebbie replied that the designation of the shop or premises had nothing to do with him, and, he suggested, had nothing to do with the committee. If people called themselves drysalters or druggists or grocers, they had to accept that designation. So far as he was aware, there was nothing in the Act to preclude a man using the designation of druggist. Councillor Spilman said none of these people dared put the title "druggist" on their bill-heads.

Inquests

A verdict of "Accidental death" was returned at an inquest at Wolverhampton, on May 22, on the body of Mary A. Brittam, who was found dead in bed. It is thought that she drank "wintergreen" in mistake for whisky.

A verdict that Miss M. Lamont, a Sheffield policewoman, committed suicide by taking aspirin was returned at the inquest. Mr. John Evans, M.Sc., Ph.C. (city analyst), had found 37.8 gr. of aspirin in the organs submitted to him. A medical witness said he had known death from 50 gr. and recovery from 500 gr.

A verdict of "Suicide while of unsound mind" was returned at a recent inquiry at Henley-in-Arden concerning the death of Harry Bourton, who died as the result of drinking weed-killer. The coroner expressed the view that weed-killer should always be kept under lock and key and should be in the charge of a responsible person.

In recording a verdict of "Accidental death" after an inquest at Barking, on May 25, on the body of a child aged two, who died after drinking spirit of salt left in a bowl, the coroner remarked:—"It is a pity that these dangerous poisons can be obtained so easily. It would be better if they were under control by qualified chemists."

Sessional Events

The annual meeting of the Reigate, Redhill and District Pharmacists' Association and Branch was held on May 14, when the following officers were elected for the ensuing year:—*President*, Mr. F. Woolf; *Vice-President and Secretary*, Mr. F. Lewis; *Treasurer*, Mr. E. Feltham; *Auditors*, Mr. Wilmshurst and Mr. Oram; *Committee*, Messrs. Brown, Barlow, Bush, Foster, Firth, Worfolk, Wilmshurst, and Powell, with officers *ex-officio*.

The annual meeting of Bradford and District Branch of the National Pharmaceutical Union was held on May 26, Mr. A. Craven in the chair. The following were elected officers for the coming year:—*Chairman*, Mr. Willie Brown; *Vice-Chairman*, Mr. W. W. Hudson; *Treasurer and Secretary*, Mr. S. H. Bolton; *Committee*, Messrs. A. Craven, W. H. Croasdell and J. A. Sullivan, with the officers. Mr. W. Bailey was appointed local P.A.T.A. secretary. Some informal discussion took place on the Chemists' Friends scheme and on the disappointing response to the recent referendum by the N.P.U. Mr. Craven felt that the approach to manufacturers might have been more tactful and more successful. There had been no suggestion of retaliation for non-support by manufacturers until chemists had proved their case by their own support. He felt their case was strong enough to satisfy the manufacturers that the scheme would be materially beneficial by cutting out the "nibbler" and concentrating business in the proper quarters. Mr. J. A. Sullivan said Mr. Mallinson was very diplomatic. Mr. A. T. Bailes voiced the difficulty of getting chemists to adopt a strong stand.

Birmingham

A party of members of the Birmingham Pharmaceutical Association visited Derby on May 13 to see the works of the Royal Crown Derby Porcelain Co., Ltd., The processes of grinding, blending and mixing the Cornish china clay and powdered granite; the kilns; methods of packing and firing; the art department, embracing glazing, hand painting, and transfer work, were seen.

The annual general meeting of the Birmingham and District Branch of the Photographic Dealers' Association was held at the Birmingham Chamber of Commerce on May 7. Officers elected for the year 1936-37 were:—*Chairman*, Mr. C. T. Thonger; *Vice-Chairman*, Mr. L. Ingram; *Treasurer*, Mr. D. Willey; *Secretary*, Mr. L. W. Hurcomb; *Auditors*, Messrs. Billington & Walker; *Committee*, Messrs. Gale, Juggins, Mason, G. W. Riley, J. Riley and Lloyd Roach. The secretary's and treasurer's reports were adopted. A lecture entitled "The Snapshotter's Blunders and Accessories That Will Help Him" was given by Mr. J. E. Saunders, followed by lantern slides of animals photographed by Mr. Saunders at various zoos—The branch organised a visit to the Harrow works of Kodak Ltd., on May 20. The party arrived at 11.30 a.m., and after refreshments a photograph was taken and the museum was inspected. Luncheon was served, after which the party divided into sections, each accompanied by a guide, for a tour of the works. A demonstration of Kodachrome cine film was much appreciated. After tea a vote of thanks to Kodak, Ltd. was proposed by Mr. C. T. Thonger (chairman of the branch).

Croydon

At a meeting of the Croydon Pharmacists' Association, on May 15, Mr. H. E. Chapman, M.P.S., barrister-at-law, gave an address on the Medicine Stamp Acts, with particular reference to present-day interpretations of their provisions. Mr. Chapman said that preparations which come within the dutiable class, whether sold by chemists or other vendors—the old fashioned proprietary or "patent" medicine, whose formulæ are not divulged—still exist, but the outstanding feature of the trade to-day is the widespread sale of medicines recommended for the prevention, cure or relief of human ailments which are regarded as being exempt from medicine-stamp duty. The most important class coming within this category is that of the "known, admitted and approved" remedy, among which are the "branded" or "destamped" medicines. Within recent years the sale of another class of unstamped but recommended medicines has developed enormously. This class comprises preparations regarded as coming within the "artificial mineral waters" exemption. While the Lamplough case in 1878 established the non-liability of this type of product, in practice for many years the exemption was mainly applied to effervescent salines and such products as Carlsbad salts. It is now interpreted as applying to medicinal substances in general which are of an alkaline nature. Licence holders may sell unstamped, recommended medicines which come within the "entire drug" exemption. Single or mixed "unmedicated herbs" are exempt from duty.

Liverpool

At Liverpool Police Court, recently, a fine of £2 was imposed on Harry Cecil Darling (60), Chatsworth Street, who pleaded "Guilty" to having falsely used the title "M.D." on April 6. It was stated for the prosecution that Darling posed as a doctor and wrote out a prescription for tablets signing it "Harry C. Darling, M.D., F.R.C.S., Liverpool." He did not receive a fee. Previous convictions were proved.

Appreciative reference to the fact that their chairman, Mr. T. Edward Lescher, had been elected chairman of the Overseas Committee of the Association of British Chambers of Commerce was made by Lord Derby, presiding at the eighty-sixth annual meeting of the Liverpool Chamber of Commerce on May 22. A civic welcome was given by the Lord Mayor. Mr. Lescher in his address, said they could regard with satisfaction much that had happened during the past year. The trade of the country had shown further buoyancy, and unemployment had receded by as much as 1,000,000 from the peak figure. Everywhere there were signs of progress, and there were few districts in the country that had not felt the improved conditions. On the other side of the picture, however, world trade showed a disastrous reduction. The destruction of capital in the war was the primary cause; and this led to the desire by nations to export as much as they could and to buy as little as possible. Then followed increased tariff restrictions, quotas and blocked exchanges. With the United States largely contenting herself with the position of "observer," the peace of the world and the power to bring order out of chaos depended mainly upon the sound policy of the British Government. Economic conditions, he contended, were at the bottom of world unrest. It was important that representations made or advice given to the Government by chambers of commerce were properly considered with a due sense of responsibility.

London

The publication of the "Bulletin of the Imperial Institute" has been undertaken by the Institute, with effect from Vol. 34, No. 1. The price has been reduced to 2s. 6d. per number (by post 2s. 9d.), annual subscription 10s., post free.

Dr. William Scholl, who had paid a flying visit to Europe upon the occasion of the "Hindenburg's" first flight from the United States, was the guest of honour at a dinner given at the Prince's Restaurant, London, W.1, on May 22, by the Scholl Manufacturing Co., Ltd. Mr. F. J. Scholl (managing director) claimed that 95 per cent. of appliances used in the alleviation of foot troubles were those perfected by Dr. Scholl. It was also stated that during the past five years £5,000,000 had been spent by the organisation on advertising.

Wembley

The first meeting of the Wembley and District Branch of the Pharmaceutical Society was held recently. Mr. A. E. W. Hawkes was voted to the chair, and after acknowledging the vote called on the president of the Pharmaceutical Society (Mr. E. Saville Peck) to address the members. Mr. Peck dealt first with the objects of the Society's branches, and indicated some of the topics that they could discuss. He thought it would be a great thing if they could get medical men to co-operate with them in lectures and discussions. The Bath Branch had sent an interesting resolution for discussion at the Bournemouth meeting of the British Pharmaceutical Conference, to the effect that the college training of apprentices should precede the shop work and practical course of study. Mr. McNeal would probably be moving a resolution of the Harrow Branch on the advisability of constructing a Bill for pharmacy. The president indicated the contents of a few more Conference resolutions, and concluded with an appeal for loyalty to the Branch and to the Society. Mr. Howells (Thames Valley) voiced the good wishes of his Branch towards the Wembley Branch. Mr. McNeal (Harrow) expressed similar sentiments from the Harrow Branch. A letter was read expressing good wishes from West Middlesex Branch. A hearty vote of thanks to the president was proposed by Mr. Goodall and seconded by Mr. Maurice Jones. The following officers were elected:—*President*, Mr. A. E. W. Hawkes; *Vice-President*, Mr. J. E. Goodall; *Treasurer*, Mr. C. H. Dixon; *Secretary*, Mr. E. Ratcliffe; *Committee*, Miss Knight, Miss Waterhouse, Mr. Jenner, Mr. Robinson, Mr. Terry, Mr. Bearman, Mr. Gosling.

Miscellaneous

THE "Sheffield Telegraph" of May 22 contained a three-column article on the works of Wood Bros. Glass Co., Ltd., Barnsley.

FIRE.—There was an outbreak of fire on May 22 at the premises of Mr. J. R. Gatherum, chemist and druggist, Walsgrave Road, Coventry. Some of the stock was severely damaged.

IN THE COURTS.—At Stockport Borough Sessions, on May 20, John Henry Booth, chemist's assistant, was fined £10 for stealing from his employer, Mr. Eric White, chemist and druggist.

LONG SERVICE AWARDS.—Presentations have been made to the following members of the staff of Burroughs Wellcome & Co. at the Wellcome Chemical Works, Dartford, to commemorate the completion of twenty-one years' service: Mr. A. E. Jordan, a silver watch; Miss E. L. Cox, a pewter tea-service; Miss Ivy C. Basham, a gold wristlet watch; Mr. A. N. Cogger, a grandmother oak clock.

TOXICITY OF ORTHODICHLORBENZENE.—The Minister of Health has issued a circular (No. 1544) to local authorities stating that he considers it undesirable that orthodichlorbenzene should be used for disinfesting inhabited houses from bed-bugs, pending further scientific inquiry into the question of its possible toxicity. Experiments have indicated that the fumes may be toxic in low concentration.

NATIONAL ASSOCIATION OF WOMEN PHARMACISTS.—The following officers have been elected for the ensuing year by the National Association of Women Pharmacists:—*President*, Mrs. H. Skinner; *Vice-President*, Miss E. B. Blundell; *Secretary*, Miss G. Hindes; *Assistant Secretary*, Miss M. E. H. Curry; *Employment Secretary*, Miss F. M. Harvey; *Assistant Employment Secretary*, Miss M. C. Islip; *Treasurer*, Miss D. V. Head.

GOLF MEETING.—Gloucester chemists' annual golf meeting will be held at Brockworth Park, Gloucester, on June 7, commencing at 9 a.m. Besides events for local chemists, there are open events for Gloucestershire chemists and their assistants, and also for representatives calling on chemists in the district. Intending players and visitors should advise Mr. R. Maxwell Hill, "Beta," Oxstalls Road, Gloucester, before June 4.

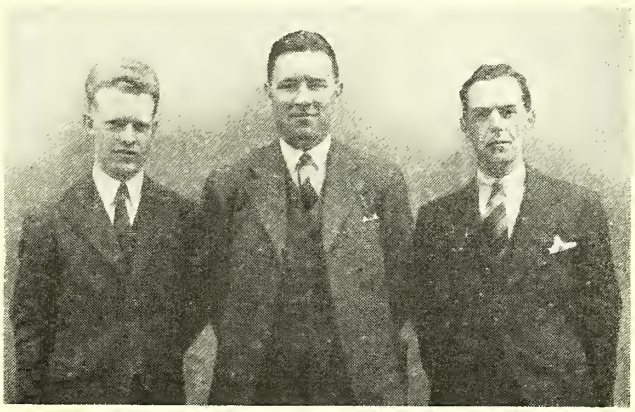
NATIONAL CHAMBER OF TRADE.—Among the resolutions passed at the thirty-eighth annual conference of the National Chamber of Trade, held at Torquay during the week commencing May 18, was the following:—"That this conference requests the Board of Management to make representations to the Inland Revenue authorities for the allowance, as a 'renewals' charge against profits, of a proportion of those expenses incurred by traders in the fitting up of premises in those cases where alternative premises are taken over."

Irish Notes

Irish Drug Association

At the Committee meeting of the Irish Drug Association held on June 18, Mr. T. C. Scott (president) in the chair, the secretary (Mr. R. J. Kidney) submitted the draft agreement tendered by the Irish Union of Distributive Workers with regard to rates of pay and conditions for chemists' assistants. The secretary stated that a special general meeting of the I.D.A. accepted the draft agreement with certain minor alterations, and had given the Committee extended powers to negotiate. The result of the further negotiations was the draft agreement now brought forward for approval. The Committee approved the agreement, which set out the rates of pay for chemists, registered druggists, and assistants. The proposal to fix national closing hours was considered impracticable, the hours obtaining in each area being left to be determined by local arrangement between employers and employees. The agreement provided for the creation of a conciliation board to adjust any differences that might arise in the future between the I.D.A. and the Union. The Committee approved of the formation of a Photo Finishers' Association as a section of the I.D.A. Membership of this Association implies that the members confine their processing to chemists, registered druggists, and approved photographic dealers. Pending the further development of this section of the I.D.A. the Committee have decided to leave the retail charges for D. and P. work at the discretion of each individual retailer for the present.

A New Dublin Directorate



Left to Right: MR. J. P. HOLLAND, PH.C., MR. E. MCCARRON, F.C.A. (chairman), MR. P. C. CAHILL, M.C.P.S.I. (managing director)

Brevities

Mr. J. A. Hurson, L.P.S.I., has opened a pharmacy at 71 Talbot Street, Dublin.

At the annual meeting of Coleraine Borough Council on May 23, Mr. R. F. McCartney, Ph.C., was elected an alderman.

Hamilton, Long & Co., Lower O'Connell Street, Dublin, are having a new front fitted to their pharmacy, one of the oldest in the city.

In conjunction with the Dublin Branch of the Photographic Dealers' Association, the "Irish Press" is running a series of weekly photographic competitions during the summer months, with special end-of-the-season prizes for the best work submitted during the run of the competition. Entries must be submitted through a P.D.A. dealer, and the name of the dealer in each case is published with the names of the winners.

The proposed national agreement between the Irish Drug Association and the Chemists' Assistants' Branch of the Irish Union of Distributive Workers was submitted to a mass meeting of chemists and chemists' assistants at Jury's Hotel, Dublin. On a ballot vote the agreement was accepted by the Dublin members. A similar vote will now be taken in the Cork and Limerick areas and should there be a majority in favour, the agreement, which covers wages, hours, conditions, holidays, and the grading of qualified and unqualified assistants, will be formally entered into with the I.D.A. On completion of this agreement the Union, it is stated, will move to negotiate an agreement for workers in the wholesale trade.

Belfast

The quarterly report of Mr. J. Harold Totton, public analyst for Belfast, states that during the last quarter 514 samples were examined, including Parrish's food, citrate of magnesia, cream of tartar, ginger wine essence, Glauber's salt, glucose (powdered), cod-liver oil, olive oil, vanilla essence and vinegar.

At a recent meeting of the committee of the Belfast and District Branch of the Photographic Dealers' Association details of the forthcoming competition for photographic dealers, assistants and apprentices in Northern Ireland were approved and directed to be sent to dealers. Entries close on October 15. The secretary of the committee is Mr. R. A. McEwen, Ph.C., 168 Cliftonville Road, Belfast. The following finishers have given prizes:—McInnes & Walton, Ltd., Great Victoria Street, Belfast; Belmont Photo Works, Chichester Street, Belfast; Crystone Speedy Photographic Service, North Road, Belfast; and Mr. W. J. Moffett, Bridge Street, Portadown.

Scottish Notes

Scottish Pharmaceutical Federation

A meeting of the Executive Council of the Scottish Pharmaceutical Federation was held in Edinburgh on May 20, Mr. P. M. Duff (president) in the chair. Eleven applications for membership were passed. Reports were given of two complaints against members in N.H.I. test cases, one for 4 oz. of boric lint (not wrapped in accordance with the Drug Tariff), and the other for a mixture containing ammon. chlor. 3 dr., pot. iod. 2 dr., ext. glyc. liq. 2 dr., aq. ad 6 fl. oz., which showed an excess of about 20 per cent. ammon. chlor. A claim against a member was reported in connexion with a powder containing 2 gr. of the following mixture: calomel 1 gr., sugar of anise 1 gr., sugar of milk 3 gr. Half of the 2-gr. powder was given to a three months' old child one night, and the child died the next day. The doctor attempted to analyse a portion of the powder, but on failing to do so handed it to the police, who forwarded it to an analyst. The parents of the child made a statement to the police that the powder was the cause of the child's death. The Federation advised the member, who received an apology from the parents of the child and also from the Procurator Fiscal. A draft minute of agreement between the Federation and a manufacturer was discussed; the matter was remitted to the new Executive Council for further consideration.

It was reported that the secretary had, on February 26, written to the Secretary of State for Home affairs stating among other matters that the Committee are strongly of the opinion that a mistake has been made, at least so far as Scotland is concerned, in proposing to allow dangerous disinfectants to be sold indiscriminately to the public by people who may not realise the dangers attached to the wrong use of these strong disinfectants; the letter also stated that exception is also taken to Rule 4. Regarding a member's complaint against a company with whom he had entered into an agreement whereby they allowed him a special discount and agreed to exchange, without reservation, any stocks of their products unsold at their expiry dates, it was reported that this company, who had refused to exchange certain time expired products more than once, had now agreed to accept the return of all the member's stock of their products and to refund to the member the amount which had already been paid by him for the goods, less 10 per cent. A member had complained against a doctor's statement that colourless tincture of iodine supplied by the member was unfit for use. It was reported that the Federation's solicitors had been able to obtain for the member an apology from the doctor concerned and had recovered from the doctor their fee, the analyst's fee and member's expenses. A member had made an inquiry about an account against him for about £1 in respect of goods purchased nine or ten months ago which the member thought had been purchased on sale or return terms, but which the company refused to accept when they were returned to them in February 1936. The secretary advised the member that as he had not returned the unsold goods at the expiration of the stipulated period, there did not appear to be any alternative to paying the acount.

The scrutineers' report in connexion with the recent election was given, and the following were declared elected members of the Executive Council for 1936-37:—Aberdeen and North Eastern Area—R. Alexander, Strichen, W. T. Elder, Aberdeen; Dundee and East and Central Area—John H. Ferguson, Dundee, and James P. Ferrier, Dundee; Edinburgh and South Eastern Area—B. Cartwright, Galashiels, Peter Nisbet, Leith, Wm. Reid, Cupar-Fife, and John H. Tainsh, Edinburgh; Glasgow and South-Western Area—P. M. Duff, Glasgow, W. Spence Culbert, Airdrie, John Weir, Clydebank, Sam McConnell, Johnstone, H. W. Thomas, Glasgow, and C. A. Buick, Port Glasgow. The financial result of the year's working was considered very satisfactory.

Aberdeen

The quarterly meeting of the Aberdeen Pharmaceutical Association was held in Robert Gordon's Colleges on May 1. The opportunity was taken to present the Petrie Trust bursary and the Association prizes to students at evening classes at the School of Pharmacy. Mr. M. K. Watt presided over a large attendance of members and students. Dr. George Duncan (governor of Gordon's Colleges and convener of the Education Committee of Aberdeen Town Council) referred to some interesting personalities in the drug trade in olden days. Dr. Tocher (chairman of the chemistry and pharmacy committee of the School of Pharmacy) mentioned that this year's entry for the Petrie Trust bursary (sixteen) was the largest yet received, and that the marks were better than in any previous examination. Dr. Duncan presented the prizes to: Mr. A. Wood (Petrie Trust bursary); Miss Cranna (second) a copy of the B.P.C.; association prizes to evening class students: First year, Messrs. J. A. Findlay, E. Fraser, and W. J. Edward. Second year, Messrs. S. B. Wilson, W. S. Bowie and I. Thomson. Third year, Messrs. N. Duncan, T. S. Watt and J. D. Flett. Fourth year, Messrs. Arthur Downie, A. Y. Downie and G. McDonald.

Dundee

Chemists of the third and fourth wards of Kirkcaldy announce that Sunday service will in future be provided from 1 p.m. to 2 p.m. only, the evening hour being discontinued. The daily closing hour will be 7 p.m., except Wednesday (1 p.m.) and Saturday (8 p.m.).

A party of members of Dundee School of Pharmacy Former Students' Association spent their May holiday in a motor coach tour of some of the most beautiful scenery in Scotland. The route was by Loch Tay, Glenogle, Loch Earn, Strathyre, Loch Lubnaig to Callander, where tea was taken. The return journey was made by Dunblane and Perth.

Edinburgh

Twenty-six members of the Edinburgh Chemists' Golf Club took part in a competition played over Kilspindie course on May 20. Results:—1, J. Finlay (scratch), 74; 2, J. Black (14), 75; 3 (a tie), E. Randall (8) and A. S. Cooper (13), 77; second class, R. L. Munnoch (18) and W. H. Chambers (20), 78.

After a lapse of several years the Edinburgh Pharmacy five-a-side football tournament contest is to be revived. The Pharmacy trophy, presented forty years ago by Mr. Beaumont, is an embossed cup 2 ft. high. The memory of previous contests is still vivid, judging by the large number of entries received from the wholesale and retail trade. The draw for the first round matches has been made, and play is to commence forthwith.

Members of the Edinburgh Chemists', Assistants' and Apprentices' Association travelled to Barton on May 15, under the leadership of Miss V. A. M. Leask and Mr. A. W. Patterson, for their first botanical excursion of the summer session. The party proceeded along the bank of the River Almond to Cramond, where it was noted that the vegetation had been seriously retarded by the long winter. Many early flowering plants were still merely in the bud, and even early flowering trees, such as the elm, cherry and sycamore, had but just reached the flowering stage. Upwards of fifty plants representing fifteen natural orders were collected and explained in detail by the leaders.

Glasgow and the West of Scotland

Sir Robert Sangster Rait, who recently resigned office as Principal and Vice-Chancellor of Glasgow University, died in Glasgow on May 25 at the age of sixty-two. Sir Robert succeeded the late Sir Donald MacAlister at the University in 1929. Earlier in his career he had specialised in Scottish and mediæval history.

A suppository mould which had been left on a window ledge to cool was found to have disappeared when Mr. William McLelland, chemist and druggist, Cumberland Street, Glasgow, returned to fetch it. The suppository mass contained lead acetate and extract of belladonna. Notification was made to the police and others lest the mould should come into the possession of children.

The annual meeting of the Glasgow and West of Scotland Branch of the Photographic Dealers' Association was held at 122 Union Street, Glasgow, on Wednesday, May 20. Mr. W. Spence Culbert presided over a representative audience. The following office-bearers were elected:—*Hon. President*, Mr. A. Pollock; *Hon. Vice-President*, Mr. J. Weir; *President*, Mr. W. Spence Culbert; *Vice-President*, Mr. R. A. Couper; *Treasurer*, Mr. C. Horsburgh; *Secretary*, Mr. H. W. Thomas, 436 Argyle Street, Glasgow, C.2; *Members of Council*, Mrs. Tulloch, Messrs. T. Rennie, A. W. Hendry, F. Baillie, S. McConnell, D. Dalglish, J. K. Murphy; *Auditors*, Messrs. W. Wood-Wilson, J. W. Downie. Mr. E. J. Andrews (national secretary) introduced Mr. E. J. Saunders, who lectured on "Miniature Cameras." Mr. Saunders urged those present not to be content to sell films, but to sell "the permanent joy of photography," and to interest customers in better apparatus so that they would get still more fun out of their photography. Lantern slides of animals in the London and Edinburgh zoos were shown.

Topical Reflections

By Xrayser

The Old Order Changeth,"

might well be the comment upon the Council election. In some ways it was disappointing. Comparing the figures with last year's I find that although 300 more voting papers were issued this year, 300 less were registered. Out of 21,280 papers issued 9,406 were returned—in other words, only about 44 per cent. of the members of the Society took the trouble to vote in circumstances which may well be described as the parting of the ways. Having said this I must express my satisfaction at the result of the election. It is not often that three new members are elected; the votes recorded for these seem to indicate that a large number of voters must have determined to return them *en bloc*. To the old members who have found themselves too low down the list for election I extend my sympathy. The fortune of war may yet restore them to their former status; meanwhile, it will now be their privilege to watch and criticise others "doing their bit." To the new members I would say: "We are expecting great things from you, but we know that your number is small and that it may be well-nigh impossible to carry out the reforms you suggested in your election addresses. Do not sink into what appears to be the inevitable Council pit."

We Know Now

where we are. This is the conclusion I have arrived at after reading the address of the president at the annual meeting of the Pharmaceutical Society on p. 601 and our comments on p. 599. We had all thought (that is, of course, all those not "in the know") that the object of the deputation to the Home Office was to try to secure, even at the last moment, some modification of the Poisons List and rules, which had come as a shock to a good many of us; we now learn that what the members of the deputation were really concerned with was to impress upon the Home Office the necessity for seeing to it that "listed sellers" were properly inspected. Comment seems needless. I do not think many of us will care very much about the suggested "consolidation" of the remains of the old Pharmacy Acts; it savours too much of locking the stable door after the horse has escaped. What is of importance is the statement of the president that while "consolidation" is urgent, there is no likelihood of any amendment to the Pharmacy and Poisons Act in sight, and that the Council are so concerned for the safety and stability of the Government that they could not countenance any such proposal. I am afraid the new Act is here without amendment for some time, and that we have to make the best of what some regard as a bad job. We now know, too, something of how the new building is to be financed; a loan for £100,000. But we shall want another £100,000 or more before we can equip the new premises; £10,000 a year may be required to pay the interest upon the money borrowed, and then we have to provide for repayment of capital for a period of, say, thirty years, and all without imposing additional charges upon the members of the Society. I hope the rosy vision may materialise.

The Letter

on branch organisation on p. 610 is in entire accord with my own feelings and experience in branch work; and unless a new spirit can be infused into the minds of members generally I can see little help for the future from our branches and local associations. The fact of the matter is that many branches are dead and, but for the enthusiasm of their respective secretaries and presidents, might as well cease to exist. A few men, interested in pharmacy, get together and get out a programme for, say, the winter session. Perhaps the members in the district number 100 or more; all are notified, but not more than twelve will come to a meeting, and even then they want the time and place to be such that they suffer no inconvenience. I have in this column, some time ago, remarked on the few members who attend the annual dinner of the branch. I confess to a feeling of despair, sometimes, when I reflect on the apathy of pharmacists generally to matters which are of vital importance to them. Is it too much to expect that the coming winter will see a shaking of the almost dead bones of the associations?

Legal Reports

Rival Trade Marks.—The pending motion by Ebe, Ltd., to expunge from the register the trade mark "Ebee" owned by Elise Bock G.m.b.H. was again before Mr. Justice Crossman in the Chancery Division of the High Court, London, on May 27, on an application by Ebe, Ltd., concerning interrogatories. An adjournment had been granted to enable the respondents to put in a counter-statement (*C. & D.*, May 16, p. 559). Mr. F. E. Bray, K.C., for Ebe, Ltd., said that the counter-statement had now been delivered but did not contain the information he asked for and was entitled to know. All that the applicants knew was what the respondents had chosen to disclose to the public. They were completely in the dark as to how the respondents had selected, dealt with or manufactured the goods. He submitted that he was entitled to know on oath what the respondents were going to say at the trial with respect to these matters. Mr. Kenneth Swan, K.C., for the respondents, contended that the counter-statement clearly defined the issues and gave the applicants all the information they were entitled to. What the applicants were seeking to do was not to establish their case but to elicit the facts upon which the respondents were relying to resist the attack made upon their trade mark. The close interrelation between the German company and the English Bock Company had been fully disclosed and all documents relevant to the fair disposal of the case. The hearing was adjourned.

Dispensed Medicine Dispute.—In Dunfermline Sheriff Court, Fife, on May 18, Mrs. Jeanie Lumsden, wife of a foreman carter, Glencraig, sued Lochgelly Equitable Co-operative Society, Ltd., for damages of £250. The pursuer's case was that she suffered serious illness from the effects of taking a medicine supplied at the chemist's shop at Main Street, Lochgelly, on September 29, 1934, on a prescription by Dr. Wallace, Lochgelly. It is alleged by pursuer that there was carelessly and negligently added to the medicine some substance of an injurious and irritant nature, not contained in the prescription. The defenders pleaded that the bottle contained only the ingredients prescribed, that the prescription was correctly dispensed and that they did not add any substance of an injurious and irritant nature not contained in the prescription. In any event, the defenders said that the pursuer's account of her alleged injuries was grossly overstated and that the sum sued for was excessive. The pursuer gave evidence in support of her claim. Dr. Wallace, Lochgelly, said that when the pursuer brought him a bottle containing medicine he did not think it was the same. The bottle she handed to him contained a considerable amount of brown sediment which he did not think should have been there. The woman's symptoms led him to the conclusion that there had been something in the bottle which caused an inflammation of the lining of the stomach. Dr. Dickson, Lochgelly, in evidence for the defence, said that from an examination he had made of pursuer in March he found no trace of ulcer in her mouth, and her symptoms were not consistent with having taken an irritant poison. Mr. James H. Gair, chemist and druggist, manager of the drug department of Lochgelly Equitable Co-operative Society, Ltd., said Mrs. Lumsden came to the shop on October 4. An assistant brought a bottle to him and said there had been a complaint. Witness told an assistant to make up a fresh bottle and took a dose out of it, and also out of the half-empty bottle which Mrs. Lumsden had brought back. He could not detect any difference in the tastes. He also took two doses out of it and did not experience any effect of sickness or burning. Mr. Henry William Blair, chemist and druggist, Edinburgh, said the patient would have to be careful to shake the bottle and to add water. Dr. Alan Tuke, Dunfermline, who said he examined Mrs. Lumsden on March 5, gave it as his view that she had upset her stomach by taking the cough mixture. The hearing was adjourned.

Gazette

Bankruptcy Acts

RECEIVING ORDER

VENTIN, A. D. B., 41 Charles Street, Milford Haven, Pembroke, chemist.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary and Year-Book," 1936, p. 322.

(From "The Trade Marks Journal," May 6, 1936.)

"ORSANINE"; for medicinal chemicals (3). By May & Baker, Ltd., 42-43 St. Paul's Churchyard, London, E.C.4. 567,811.

"FRULIGAR"; for medicinal chemicals (3). By Cupal, Ltd., Phœnix Mill, King Street Bridge, Blackburn. 567,890.

"4711" on badge design; for cold cream (3). By P. P. Mulhens, Glockengasse 26, Köln am Rhein, Germany. 566,315. (Associated.)

MONOGRAM WITH INITIALS "C.C.C." IN CIRCLE; for medicinal chemicals (3). By Northway & Co., 91 Great Tower Street, London, E.C.3. 567,267.

"ALACRA"; for scientific instruments, etc. (8). By W. H. Smith & Son, Ltd., Strand House, Portugal Street, London, W.C.2. 567,336.

"UVET"; for scientific instruments, etc. (8). By Radiometers, Ltd., Dunbar Street, West Norwood, London, S.E.27. 567,739.

"ZERMOPAD" on figure; for surgical instruments, etc. (11). By Universal Diathermatic Laboratories, Ltd., 15 Hanbury Road, London, W.3. 566,966. (Associated.)

"DONKEY"; for toilet creams (48). By V. Luxemburg, 90 Fleet Street, London, E.C.4. 559,369.

"EVENING GLORY"; for cosmetics (48). By Fairy Dyes, Ltd., 57 Trossachs Street, Glasgow, N.W. 566,859.

"ODORONO"; for all goods, excluding mouth washes and the like (48). By Northam Warren, Ltd., 211 Blackfriars Road, London, S.E.1. 560,654. (Associated.)

"D'ASHA"; for depilatory paste (48). By D. Aschenagi, 3 Kensington Gardens Square, London, W.2. 564,803.

"BRYLTON" and "BRYLTONIC"; for perfumery, etc. (48). By The County Chemical Co., Ltd., North Circular Road, London, N.W.10. 566,788/566,789. (Associated.)

"CAVALCADE"; for perfumery, etc. (48). By H. Hanri, 18 Brompton Arcade, London, S.W.3. 566,114.

"SANTA-CHLOR" in oblong frame; for chlorine preparations for dentures (48). By J. Sherratt, West Street, Long Sutton, Lincolnshire. 566,174.

"LAIELK"; for perfumery, etc. (48). By Adelaide Grey, Ltd., 27 Old Bond Street, London, W.1. 567,339.

"JOYEUX RETOUR"; for perfumery, etc. (48). By Worth, S.A., 120 Faubourg St. Honoré, Paris. 567,720.

"ESCAPADE"; for perfumery, etc. (48). By N. Goldman, 211 Jubilee Street, London, E.1. 567,499.

(From "The Trade Marks Journal," May 13, 1936)

"CHROMET"; for photographic films (1). By The Photographic Film Manufacturers, Ltd., Scots Bridge Works, Rickmansworth. 566,840. (Associated.)

"CREO-TINT"; for photographic chemicals, etc. (1). By Fraser Colour Products, Ltd., 62-63 Cheapside, London, E.C.2. 567,161. (Associated.)

"CARTOX"; for chemical insecticides (2). By Deutsche Gesellschaft für Schädlingsbekampfung m.b.H., 5/9 Weissfrauenstrasse, Frankfurt (Main), Germany. 567,063.

"LATISAN"; for agricultural, horticultural, veterinary and sanitary chemicals (2). By Bayer Products, Ltd., 31-34 Basinghall Street, London, E.C.2. 568,010.

"HEPRONA"; for medicinal chemicals (3). By Evans Sons Lescher & Webb, Ltd., 56 Hanover Street, Liverpool. 565,059.

"SANT"; for medicated preparation for human use (3). By G. M. Williams, 81 Lamb's Conduit Street, London, W.C.1. 566,576.

"ABDOMETTES"; for medicinal chemicals (3). By Seajoy Co., Ltd., 114 Upper Richmond Road, London, S.W.15. 567,215.

"FENSAN"; for medicinal chemicals (3). By Fissan, Ltd., 11 Ironmonger Lane, London, E.C.2. 567,388. (Associated.)

"GLANATEX"; for medicinal chemicals (3). By Modern Health Products, Ltd., Natex House, 38 Langham Street, London, W.1. 567,770. (Associated.)

"ALLEYINE"; for ointments (3). By T. Goodhugh, 40 Queen's Road, Wimbledon, London, S.E.19. 567,822.

"BULLET"; for photographic apparatus (8). By Kodak, Ltd., Kingsway, London, W.C.2. 567,640.

"RUTHURSIAT"; for photographic apparatus (8). By Hurst & Rutherford, 12 and 13 Astor House, Aldwych, London, W.C.2. 568,073.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office

HAROLD GORRILL (MALTBY), LTD. (P.C.).—Capital £200. Objects: To acquire the business of a druggist, etc., carried on by H. Gorrill at 21 Blyth Road, Maltby, nr. Rotherham.

F. J. FLATMAN, LTD. (P.C.).—Capital £600. Objects: To acquire the business of a dispensing chemist heretofore carried on by Frances E. Flatman, at 108 Western Road, Hove, Sussex.

W. & T. TAYLOR BROS., LTD. (P.C.).—Capital £500. Objects: To carry on the business of manufacturers of soap, soap and bleaching powders, etc. Solicitor: Thos. Smeddles, Blackburn.

MADONA (ENGLAND), LTD. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers of and dealers in cosmetics, soaps, perfumes, dyes, etc. R.O.: 10 Dover Street, Mayfair, W.1.

JAMES EASTWOOD & SONS (1936), LTD. (P.C.).—Capital £2,000. Objects: To acquire the business of chemical manufacturers now carried on by James Eastwood & Sons at Supersol Works, Castleton, Rochdale.

MICHAEL UTTLEY & CO., LTD. (P.C.).—Capital £8,000. Objects: To acquire the business of chemical manufacturers carried on by J. E. Uttley and D. E. Uttley at Red Lees Chemical Works, Littleborough, Lancs.

B. ADLER, LTD. (P.C.).—Capital £500. Objects: To carry on the business of manufacturers and dealers in fine and heavy chemicals, raw materials, rubber, asbestos, etc. R.O.: Finsbury Court, Finsbury Pavement, E.C.2.

TAMWORTH DRUG STORES, LTD. (P.C.).—Capital £250. Objects: To acquire the business of drug store proprietors carried on by Milo R. and W. H. Turner at 1 Coleshill Street, Fazeley, Staffs, and at 111 Glascote Road, Tamworth.

BATTLES, LTD. (P.C.).—Capital £10,000. Objects: To acquire the business of chemists and druggists carried on by the trustees of the will of the late John S. Battle at Stonebow, 294 High Street, 1 Silver Street, and Saltergate, Lincoln, as "Battles."

CHEMICAL SUBSTITUTES, LTD. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers of and dealers in chemicals, drugs, medicines, etc. Solicitors: Raymond Oliver & Co., 25 Bedford Row, W.C.1. R.O.: 25 Bedford Row, W.C.1.

PARFUMERIE DE RAYMOND (LONDON), LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in perfumes and all kinds of toilet requisites, chemists, druggists, etc. R.O.: Kingsway, Waddon Factory Estate, Waddon, Surrey.

CHEMICOVERS, LTD. (P.C.).—Capital £20,000. Objects: To carry on the business of manufacturers of all kinds of chemical products, to establish laboratories and research stations, etc. The first directors are to be appointed. R.O.: Vintry House, Queen Street Place, E.C.4.

MIDLAND DIRECT SUPPLIES, LTD. (P.C.).—Capital £1,000. Objects: To acquire the business carried on by Alfred Baker and Robert Blackmore at 4 Gower Street, Derby, and to carry on the business of manufacturers and dealers in disinfectants, acids, preserving fluids, chemicals, etc.

GOMAX, LTD. (P.C.).—Capital £4,000. Objects: To acquire British Patent No. 275,565 relating to an appliance known as Optimax and to carry on the business of manufacturers and vendors of patent, proprietary or other medicines, etc. R.O.: Sentinel House, 46 Southampton Row, W.C.1.

OGDEN, H. ST. G., LTD.—At a meeting held in London recently, it was resolved that this company be wound up voluntarily. Mr. A. G. White, 73 Cheapside, E.C.2, was appointed liquidator.

ORTHOPEDIC FOOT APPLIANCES, LTD.—At a meeting held in London recently, it was resolved that this company be wound up voluntarily. Mr. H. W. Marten, 17 Basinghall Street, E.C., was appointed liquidator.

UNITED CHEMISTS' ASSOCIATION, LTD.—Directors' report and audited accounts for the financial year ended March 31, 1936, show a record profit. After payment of the year's dividend of 7½ per cent. on the preference shares, there is a balance of £11,396 1s. 1d. (after writing off £2,340 8s. 4d. for plant, etc.). The following dividends are proposed: 12½ per cent. on founders' shares; 7½ per cent. on ordinary shares, and to transfer to reserve, £1,000. Mr. Joseph Hearle, a director, retires and, being eligible, offers himself for re-election. Meeting: Ucal Works, Cheltenham, June 1 at 2 p.m.

BEECHAMS PILLS, LTD.—At the eighth ordinary general meeting held in London on May 25, Mr. Philip E. Hill (chairman of the company) presided, and in the course of his speech said:—As you will have seen from the accounts, the net profit for the year amounted to £425,780—which is £138,247 in excess of that of the previous year. We realise the supreme importance of endeavouring to secure for our products the highest possible pharmaceutical standard. In our endeavour to accomplish this we are spending large sums of money to secure the best results in medical research and intend to spend still more in the future. We have now completed the extension and rebuilding of the new Beecham factory at St. Helens. Your board have realised for some time past the importance of the policy of placing to development reserve a substantial amount of the profits available for distribution to the deferred shareholders. The results so far achieved have exceeded their expectations, and they are therefore desirous of continuing this policy. The amount of £65,000 transferred to the development reserve out of the funds available for distribution to the deferred shareholders this year is equivalent to a further 26 per cent. dividend on these shares, whilst the effect on the 2 per cent. participating rights of the preferred shareholders by the proposed increased capital would be negligible even if the total amount of the proposed increased capital were allotted immediately, which it is not proposed to do. Sir Arthur H. Marshall, K.B.E., seconded the report, and it was carried unanimously. The retiring directors, Mr. Hubert A. Meredith and Sir Arthur H. Marshall, were reappointed, and the proceedings terminated with a hearty vote of thanks to the chairman, directors and staff.

Private Arrangement

Albert George Skerman, 46 Mill Street, Bedford, chemist. A meeting of the creditors was held recently at Bedford, when the statement of affairs showed ranking liabilities of £217 4s. 8d., of which £117 4s. 8d. was due to the trade and £100 to cash creditors. In addition the bank were fully secured creditors for £162 14s. 11d. The assets totalled £280 8s. 4d. It was reported that the debtor commenced business in March 1925 with a capital of £300. For the first few years the trading was fairly successful, but during the last two years the turnover had fallen considerably. In the absence of an offer it was decided that the matter should be dealt with under a deed of assignment.

Business Changes

MR. S. S. JACOBS, chemist and druggist, has opened a business at 134 Arundel Street, Portsmouth.

J. GILBERT JACKSON, LTD., wholesale and retail chemists, have opened new premises in Ellin Street, Sheffield. (Telephone: 20039.)

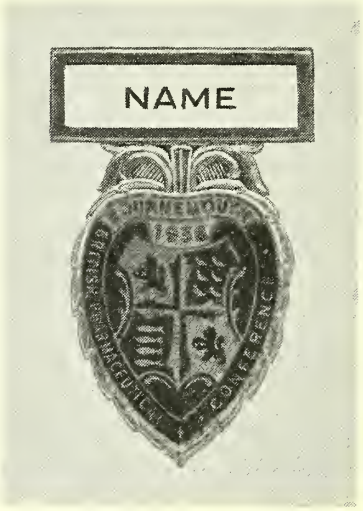
MR. L. BAKER, chemist and druggist, 2 Scholes Lane, Prestwich, Manchester, opened a branch at 142 Butterstile Lane, Prestwich, on May 22.

F. S. FARRANTS, chemists, Orpington (proprietor, Mr. E. G. Price, Ph.C.), have acquired the business of Mr. J. F. Edden, chemist and druggist, Petts Wood, Kent.

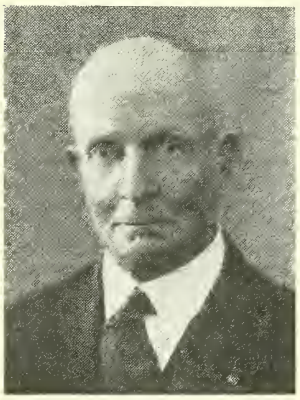
MR. WILLIAM GRAY, chemist and druggist, Musselburgh, has acquired the business of the late Mr. Thomas Currie, chemist and druggist, Eden Place, Auchtermuchty, Fife.

Bournemouth Conference Arrangements

THE programme of the seventy-third meeting of the British Pharmaceutical Conference, printed in our issue of May 2 (p. 519), shows a considerable departure from the general scheme of recent years, and members or visitors who intend to be at Bournemouth during the week commencing June 21 will be wise to study in advance the details of the arrangements. It will be noted, for instance, that the opening session is to be held on the afternoon of Monday, June 22, at 3.30, a convenient time for visitors from London but not so convenient for those who have to travel considerably further. At the other end of the programme the day excursion is transferred from Thursday to Friday, a change which may reduce the number of members taking part.



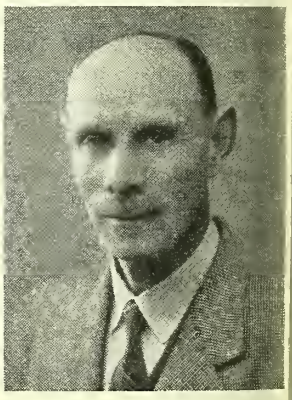
We take this opportunity of publishing portraits of the chairman, treasurer, secretary and golf captain of the Local Executive Committee, together with a reproduction of the Conference badge. It will be remembered that Mr. F. E. Bilson, who presides over the local organisation this year, was chairman of the Conference at the Leicester meeting in 1926, and many members will be glad to greet him once more. During a recent visit to Bournemouth a *C. & D.* representative was able to learn at first hand of the extensive preparations that have been made for what is expected to be a record attendance. The spadework has been lengthy and thorough ; everything may therefore be expected to happen according to programme, and everyone should be assured of a happy week, with a possible extension.



MR. F. E. BILSON
(Chairman of Local Executive)

MR. V. J. SCAMPTON
(Local Secretary)

MR. A. J. WORTH
(Treasurer)



MR. R. H. HANDS
(Golf Captain)

News from India

A New Pharmaceutical Society

The opening ceremony of the Benares Hindu University Pharmaceutical Society was performed recently by Professor A. B. Dhruva (pro-Vice-Chancellor). Dr. S. Dutt (Allahabad University) was the guest of honour. Professor M. L. Schroff, in requesting the pro-Vice-Chancellor to declare the society open, stated that the Department of Pharmaceutics was started at the Benares Hindu University in 1932. In 1935 the staff and students of the Department resolved to form the Benares Hindu University Pharmaceutical Society. The state of pharmaceutical education and practice in India was, he said, deplorable. Ignorance prevailed in regard to the ordinary principles of pharmaceutical art and science. Drugs in much larger doses than allowed by the B.P. were prescribed and dispensed. Eye ointments, which should be dispensed only in a sterile condition, were dispensed without proper care. Injections or potent medicines were prepared in vessels likely to cause chemical reaction. These facts gave an idea of the existing state of affairs. In every civilised country the large-scale manufacture and dispensing of medicines was in the hands of qualified pharmacists, but unfortunately in their own country anybody could manufacture and sell his products. The society had been organised to arouse public opinion against the prevalent malpractices and to promote the science and art of pharmacy in its various aspects by carrying on educative propaganda and otherwise. Dr. S. Dutt, Allahabad University, delivered a lecture on "The History of Curative Science."

Brevities

CENTRAL PROVINCES.—The Central Provinces in India are trying to develop industries hitherto confined to larger provinces like Bombay and Bengal. Two new organisations have been newly established at Nagpur and are making very satisfactory progress, the Government of the province having tried to help the industry by reducing the duty on rectified spirit to the level obtaining in Bombay and Bengal.

SURPLUS QUININE STOCKS.—In an address to the Legislative Assembly, Lord Willingdon, then Viceroy of India, gave an account of the policy followed regarding the disposal of surplus stocks of quinine. The Government of India maintains a reserve of 150,000 lb. of quinine to meet possible emergencies, and the surplus over this is offered to the local governments at less than the cost of production in order to extend "quininisation" of the people.

Dental Board

THE thirtieth session of the Dental Board of the United Kingdom opened at 44 Hallam Street, London, W.1, on May 13, the chairman (Sir Francis Dyke Acland, Bt., M.P.) presiding. After the roll call and notification of the election of Mr. Frederick John Ballard for the term ending on July 28, 1939, came the

CHAIRMAN'S ADDRESS,

which commenced with a reference to the death of Mr. Butterfield, Mr. Ballard's predecessor on the Board. The chairman announced another change in the *personnel* of the Board, Mr. Arthur William Neville having succeeded Mr. de Montmorency as the member appointed by the Minister of Health. Since May 1934, the chairman continued, grants amounting to £6,950 have been made to five schools. It was expected that claims of this kind could be met from the Board's income. After a reference to the stringent conditions laid down in the Irish Free State regarding signs and announcements, the chairman made the following reference to the use of initials after the name of a qualified dentist:—

"I have been asked to give a ruling as to the right way in which qualifications such as Licentiate in Dental Surgery of the Royal College of Surgeons of England, or Licentiate in Dental Surgery of the Royal Faculty of Physicians and Surgeons of Glasgow, should be abbreviated for use on professional plates. The matter could only come within the scope of our jurisdiction in cases in which "R.C.S.Eng." or "R.F.P.S.Glasg." was separated from the preceding "L.D.S." in a way which suggested that "R.C.S." or its alternative is a separate qualification. This is not fair to other practitioners or to dentists registered under the Dentists Act, 1921. As to correct methods, the long row of capital letters separated only by full stops has the sanction of usage, but I prefer "L.D.S. (R.C.S., Eng.)."

The chairman added that he did not at present suggest a regulation on the subject.

DISCIPLINARY CASES

Several charges against registered dentists were investigated during the first day, but in only two cases was it decided to recommend the removal of names from the Register. The respondents were Mr. James A. R. Allison, 26 Seedhill Road, Paisley (convicted of fraud on December 11, 1935), and Mr. John Drain, 21 Albert Street, Alexandria, Dumbarton (convicted of embezzlement on February 22, 1936). The other cases, which related to such matters as improper certification, were discharged or adjourned. The respondents were Mr. Arthur Bates, 396 Glossop Road, Sheffield (adjourned); Mr. Samuel Blain, Grove House, St. Julian's Friars, Shrewsbury (discharged); Mr. Charles Herbert Booth, 379 Aylestone Road, Leicester (discharged); Mr. William Bruce, Charing Cross, Larkhall (adjourned *sine die*); Mr. Thomas L. Callender, 53 Charing Cross Road, London, W.C.2 (adjourned); Mr. Thomas W. Field, 1 Chester Road, Bromborough (discharged); Mr. Alfred Voss, 397 Cheetham Hill Road, Manchester, 8 (discharged); Mr. John Knowles, Erving Terrace, Morecambe (adjourned); Mr. Albert E. Lloyd, North Drive, Cleveleys, Blackpool (adjourned).

(*To be continued.*)

Items in Parliament

DUTY ON TURPENTINE

Asked regarding the consumption of hydrocarbon oils and the net receipts of duty in respect of them, the Financial Secretary to the Treasury gave figures which included those for turpentine, as follows:—Approximate quantity retained for home consumption, 4,756,000 gallons; approximate net receipts, £159,000.

CELLULOID ARTICLES

The Home Secretary was asked whether he was yet in a position to introduce legislation for the prevention of injury and death due to the numerous everyday articles . . . made of celluloid or other highly inflammable substance, which are purchased mostly by a public ignorant of the danger incurred?

SIR J. SIMON: I am afraid that this is a matter which it would be most difficult to deal with by legislation.

National Pharmaceutical Union

THE following circular letter ("UL 341"), dated May 18, has been issued by Mr. G. A. Mallinson, secretary of the National Pharmaceutical Union:—

It appears that the Manufacturers' Association, representing nationally advertised proprietaries, is of the opinion that the majority of the chemists of the country are not behind the N.P.U. in demanding something definite in the way of control over outside distribution of proprietary medicinal and surgical goods.

The manufacturers apparently take the view that as only 63 per cent. of the N.P.U. members returned the recent referendum card, they can rely upon the support of the remaining 37 per cent. plus some of the 63 per cent. You have to prove that they cannot do so and that they are mistaken in their estimate of the attitude of the chemists.

The N.P.U. Executive maintains that it makes a fair and reasonable offer to the manufacturers of nationally advertised proprietaries when freedom of distribution, with limitations upon inducements to other traders to deal in proprietary medicinal and surgical goods, is offered as a special exemption from the present C.F. scheme.

The limitations of inducements are:—(1) No rebates, bonuses, or discounts to other traders. (2) No payment of patent medicine licences, either in cash or kind. (3) No window display terms or display material to other traders. (4) No circulars or letters or travellers to other traders. (5) No advertisements in trade Press of other traders and no mention of other traders in national advertising.

The manufacturers, however, regard these limitations as "dictating the policy of their businesses"; they want freedom to carry on their businesses regardless of the injury inflicted on retail chemists. They can apparently see no danger to pharmacy as a calling in the creation and encouragement of innumerable sellers of medicinal and surgical goods. Further, they expect chemists in these circumstances to show and push their goods. Chemists must prove they are wrong. The manufacturers also expect chemists to be satisfied with an offer of a publicity fund (admirable in itself) which, in the opinion of the N.P.U. Executive, cannot be effective if the manufacturers are to be free to continue their present inducements to other traders.

There can be no shadow of doubt that chemists must stand together in this matter and prove once and for all they are a united body, or accept complete domination by proprietary medicine manufacturers for ever.

Whether you are supporting the C.F. scheme whole-heartedly or not, this issue is one which affects you vitally. The manufacturers are unwilling to believe that the opinion of chemists generally is reflected by the attitude of the N.P.U. Executive. They must be convinced; you can convince them by your personal support of the C.F. principles in your business and by returning the enclosed card.

Remember that as a pharmacist you are asked whether you agree that the N.P.U. Executive has submitted a fair and reasonable proposition to the manufacturers. The manufacturers must be given real proof that chemists are unitedly of opinion that the N.P.U. offer was a fair one and that there is no acceptable alternative.

The vote in this case is in regard to nationally advertised proprietaries only and there must be no uncertainty about the result. We must show what we can offer to manufacturers in the way of positive support.

Return your card and see that your neighbour returns his and prove that chemists can unite and act in self-defence.

STABILITY OF ANTERIOR PITUITARY EXTRACT SOLUTIONS.—"Anterior pituitary extract kept in aqueous solution at room temperature was found to lose 50 per cent. of its activity in nine days and 75 per cent. in twenty-three days. When kept at −2° C. the loss in activity was greatly retarded. After one year the solution still retained 50 per cent. of its original potency."—I. W. Rowlands in "Quarterly Journal of Pharmacy and Pharmacology."

Corrections in the U.S.P. XI.

THE following corrigenda for the United States Pharmacopœia XI have been issued:—

Page	Lines	
lxx		Under Hydrastis and the sub-head Pulvis Hydrastidis change Hydrastis to Hydrastine.
lxxiv		Change Theophyllina cum Sodii Acetas to Theophyllina cum Sodii Acetate.
19	4-6	Change to: Mix 0.5 gm. of powdered Citric Acid with 5 c.c. of sulphuric acid in a test tube that has been previously rinsed with sulphuric acid and maintain the temperature of the mixture at 90° C. for one hour: the colour of the mixture is not darker than matching fluid K, described under the test for carbonisable substances, page 441.
32	1-3	Change to: The potency of Aconite shall be such that 0.1 gm. of it, when extracted and assayed as directed under Tinctura Aconiti, page 391, shall possess an activity equivalent to not less than 0.150 milligram of reference aconitine.
32		Fifth line from bottom of page: change 14.3 to 15.8.
78	1-4	Change to: The solution produced by dissolving 0.2 gm. of Atropine Sulphate in 5 c.c. of sulphuric acid has no more colour than matching fluid A, described under the test for carbonisable substances, page 441, and the solution becomes only light yellow upon the addition of 0.2 c.c. of nitric acid (many other alkaloids).
96	33-46	Change to: *Assay*: Weigh accurately in a glass-stoppered weighing tube about 0.4 gm. of Calcium Bromide, dissolve it in 100 c.c. of distilled water and add 1 c.c. of hydrochloric acid. Heat the solution to boiling and add, with stirring, an excess of hot ammonium oxalate T.S., then make slightly alkaline with ammonia T.S. Heat the mixture on the water bath for two hours, filter through hardened filter paper and wash thoroughly with warm distilled water, puncture the filter paper, wash the precipitate into a beaker by means of a stream of hot distilled water, followed by 30 c.c. of dilute sulphuric acid (1 in 3), heat the solution, if necessary, to 60° C. and titrate with tenth-normal potassium permanganate. Each c.c. of tenth-normal potassium permanganate is equivalent to 0.009996 gm. of $CaBr_2$.
97	43	Change 0.05004 gm. to 0.005004 gm.
103	18	Change to: The specific rotation [α] of Natural Camphor, determined at 25° C., in a solution containing 10 gm. of Camphor in sufficient alcohol to make 100 c.c. and using a 200-mm. tube, is between +41° and +42°, page 459. Omit all reference to the specific rotation of Synthetic Camphor.
118	12	Change 0.5 gm. to 0.2 gm.
125		Third line from bottom of page: change 0.5 gm. to 0.01 gm.
126	10	Change 433.25 to 424.24.
127	32	Change 045 to 0.45.
135	21-22	Add between the lines: Note.—In preparing aqueous solutions of Dextrose it is permissible to use a dextrose which does not conform to the official requirements for water of hydration, provided the product meets all other official tests for purity and also provided suitable allowance is made for the difference in water content.
139	17	Change 0.5 gm. to 0.1 gm.
150	12	Change 0.3 gm. to 0.03 gm.
150	12	Change 5 grains to ½ grain.
180	11-14	Change to: Vigorously shake 5 c.c. of Glycerin with 5 c.c. of sulphuric acid in a glass-stoppered 25-c.c. cylinder for one minute and allow the liquid to stand for one hour; it does not become darker than 10 c.c. of matching fluid H, described under the test for carbonisable substances, page 441.
195		Fourth line from bottom of page: Change 62 to 63.
195		Fifth line from bottom of page: Change 61 to 60.
196	29-30	Change "continue the heating" to "maintain the crucibles and mass at dull redness."
208	33	Add the synonym "Viosterol in Oil."
208	44	Delete: "Unsaponifiable matter: not more than 2 per cent., page 446."
231		Fourth line from bottom of page, delete: "Natural."
231		Fifth line from bottom of page, change 42° and 44° C. to 41° and 43° C.
235		Fourth line from bottom of page, change 0.2 gm. to 0.12 gm.
278	21	Insert before "Add": Place 100 c.c. of distilled water in a 300-c.c. Erlenmeyer flask, add 5 c.c. of Paraldehyde, and shake the mixture gently until solution is complete.
289		Sixth line from bottom, change 0.5 gm. to 0.1 gm.
290		Twelfth line from bottom, change 0.5 gm. to 0.1 gm.
313	6	Change 0.5 gm. to 0.2 gm.
313		Last line at bottom of page, change 0.5 gm. to 0.2 gm.
315	27	Change 0.5 gm. to 0.2 gm.
316	14	Change 0.5 gm. to 0.2 gm.
317	17	Change 0.5 gm. to 0.2 gm.
318	22	Change 0.5 gm. to 0.2 gm.
319	8	Insert after "444": using about 1 gm. of the Rosin accurately weighed.
321	5	Delete "or" and insert after "species": (excepting *Rheum rhaponticum*) or of.
322	22	Change 0.5 gm. to 0.2 gm.
324		Line 10 from bottom of page, change 0.5 gm. to 0.1 gm.
353	30	Change 25 c.c. to 5 c.c.
353	39	Change 25 c.c. to 5 c.c.
362		Ninth line from bottom of page, change 0.5 gm. to 0.1 gm.
363	30	Change 0.5 gm. to 0.2 g.m.
368	31	Change 7.243 to 7.281.
377		Insert between the third and fourth line from bottom of page: Alcohol content—From 1 to 2 per cent. by volume of C_2H_5OH.
378	27	Change 7.5 to 8.5 to 8.5 to 11.
383	5	Change 0.5 gm. to 0.2 gm.
384	20	Change 0.5 gm. to 0.2 gm.
384	33	Change 70 to 75.
384	34	Change 80 to 85.
391	25-32	Change the directions to: Prepare a tincture by Process P, as modified for assayed tinctures, page 390, using a mixture of 3 volumes of alcohol and 1 volume of distilled water as the menstruum. Macerate the drug during twenty-four hours and then percolate it at a moderate rate. Immediately add sufficient hydrochloric acid to this percolate to produce *p*H of 3 ± 0.2, page 576. Assay a portion of the percolate and adjust the volume of the remaining liquid by dilution with the above menstruum, including sufficient hydrochloric acid to produce a *p*H of 3 ± 0.2, page 576, so that the finished Tincture will conform to the above biological standard.
399		Insert between the tenth and eleventh lines from the bottom of page: Alcohol content—From 58 to 64 per cent. by volume of C_2H_5OH.
488	28	Change 0.1631 gm. to 0.1814 gm.
572	25	Change 0.02041 to 0.2041.
592	14	Change 433.25 to 424.24.

"PUNCH" SUMMER NUMBER is now on sale and, as is in keeping with a holiday publication, there is the usual array of light articles and humorous illustrations.

HEALTH MANUAL.—The eighth edition of "How to Live Long and Keep Young," by Mr. F. Attfield Fawkes (a nephew of the late Dr. John Attfield), with foreword by Lord Baden-Powell, is published (price 6d.) by Simpkin, Marshall, Ltd., Stationers' Hall Court, London, E.C.4.

Lancashire Analyst's Report

THE annual report of the Lancashire county analyst for the year 1935 occupies 220 octavo pages. In 1930 a review of the previous five years was included with the annual report, and the same procedure has again been followed. The percentages of adulterated samples among articles other than milk were 1.7 for the period 1926-30 and 1.4 for the period 1931-35, compared with 3.4 and 2.8 respectively for the whole of England and Wales. The figures for adulteration of milk were considerably higher. The following were among the principal drugs tested:—

Camphorated Oil

Sixty samples were examined, of which four were returned as adulterated, two being from the same vendor. An informal sample was found to contain only 16 per cent. by weight, instead of 19 to 21 per cent., of camphor; a formal sample from the same vendor was found correct.

Epsom Salts Tablets

A label on a sample described as "Epsom Salts Tablets" carried the statements:—"The best compound Epsom Salts Tablets." "These tablets are easily taken and leave no unpleasant after-taste. . . ." In small type the composition of the sample was given as, in each tablet: magnesium sulphate 4½ gr., phenolphthalein ½ gr., the ascertained composition agreeing substantially with that which appeared on the label. The instructions were to take two tablets in the morning, giving a total dose of Epsom salts of 9 gr., compared with 30 to 240 gr. mentioned as a single dose in the British Pharmacopœia. On the other hand, the dose of phenolphthalein would be 1 gr., compared with the British Pharmacopœia dose of 1 to 5 gr. "It appears to your analyst very unsatisfactory that persons may be deceived in this way," says the report. The sample was not described as adulterated, because the formula was on the label and also because the tablets were no doubt effective as aperient tablets. In the past, tablets have been sold as "castor oil tablets," the activity of which has been mainly due to the presence of phenolphthalein, and objection has been taken to such a description. "It would appear that the intention of manufacturers who market this type of medicine is to pretend to their customers that they have succeeded in administering somewhat objectionable drugs in a pleasant form, whereas in point of fact what they are doing is to substitute another drug which is taken in so much smaller amounts that an effective dose can be contained in a small tablet."

Glycerin

One sample taken was found to contain 94 per cent. of glycerin, against the 98 per cent. required by the British Pharmacopœia. The vendor was cautioned.

Gregory's Powder

A sample of Gregory's powder was found to contain 53.3 per cent. of ash. In the British Pharmacopœia, 1932, it is required that Gregory's powder be prepared from magnesium carbonate, instead of from magnesium oxide as in B.P., 1914. A powder made from the carbonate yields an ash of about 32.5 per cent., from oxide, about 69 per cent. The percentage of ash, and the appearance of the sample, suggested that the latter was an old powder which had been prepared with the oxide, but which had absorbed carbon dioxide from the atmosphere. Another sample received during the year contained 62.3 per cent. of ash and had been prepared from the oxide in accordance with the old formula. Though such a powder is more expensive, Gregory's powder prepared from the new formula should be supplied. The vendor was cautioned.

Magnesia

Eight samples described as "magnesia" were examined. Three consisted of magnesium oxide, the other three of magnesium carbonate. The term "calcined magnesia," frequently applied to the oxide, was omitted from the B.P., 1932, as a synonym for the oxide. "It would appear," says the report, "that the practice is by no means uniform, and it would appear desirable for all parties concerned to agree."

Ammoniated Quinine Tablets

One sample was returned as adulterated. Some general observations on the subject of these tablets are contained in the report, which declares that they cannot be regarded as equivalent to the ammoniated tincture of quinine unless the bulk of the therapeutic activity is due to the quinine; they should be described as quinine tablets.

Compound Tincture of Rhubarb

No action was taken in the case of a sample found to conform to the B.P., 1914, but future samples having a similar composition will be reported against, it being stated that sufficient time has now elapsed for the provisions of the present Pharmacopœia to have been generally adopted.

Seidlitz Powders

The vendor of a sample of seidlitz powders containing excesses of 15 per cent. of tartaric acid, 16 per cent. of sodium bicarbonate and 39 per cent. of Rochelle salt was cautioned; the attention of another vendor was drawn to variations in weight of the separate powders.

Cream of Tartar

Of fourteen samples of cream of tartar examined, twelve were passed as genuine. Informal and formal samples from one vendor were found to consist of a mixture of sodium phosphate and maize starch. A declaration of composition was made at the time of the formal purchase, and for this reason proceedings were not taken.

All tests of the following substances proved satisfactory:—Borax (seventeen), boric acid (five), castor oil (twelve), cinnamon (seven), Epsom salts (twenty-seven), eucalyptus oil (eight), Glauber's salt (eleven), liquorice powder (eleven), olive oil (twenty-one), and tartaric acid (two).

The Essays of Archibald—III

"After all," sed the Boss, "It would be a bad thing for pharmasy, for the publick and specially for Manhole-in-the-Mudd if I negleckted bisness for plesure." So he withdrew his kandidature for the Counsel. On Reflecksion, he ses, a 3-day holliday once a munth would be a bit costely. Archibald would require a man with a qualifickation to assist him, in case some benited citizen dropt into the Kamomile Pharmasy by misstake for a skeduled posion insted of the oilshop over the way. Peaple would remark on the fack, ses he, that the Boss was not availible to advise on the best plaice to buy desinfecctants and sheep-dipps and to tell them how to use the gargill the doctor made up for them. The persnal touch, he ses, is a grate thing and the condamnation of a Blumsberrie Dormitrie kills persnallity. He would have liked to share in the Grate Debakkle, but perferred to leave that to Others.

So he refraned and studied the President's Adress insted. This cheered him grately especially the part about the Kerriculum and the New Paliss. What we want, he ses, is more Spending so that the Wurrld and Possterity may relise that pharmasists are important members of the common weel and angshious to kintribute up to their limmit, which will not be reached so long as pannill despensing fees remane so high. Hire edducation is necessary to meet the growing demand for eppsom salts, lipskiks of the korrect teint and the propper brand of tooth paste.

He was rather upsett when the Debakkle was announced. It means, he sed, the Desurtigeration of the Dormitrie—a series thing for Pharmasy and for the conscientious and hardworrked Officialls. All these new men, he ses, have to be brokken in and sometimes it takes a munth or two to perduce the propper state of sommnolense. In the circumstances he siggests an imeddiate increace in sallarys all round so that the perrmanet staffff may have strenth to cope with the situation. Mean while we resoom the even tenner of our way and consentaite on undercutting Woolwurth's.

Trade Notes

WINDOW DISPLAYS.—Prize-winners in the window-dressing competition held in connexion with Wright's Coal Tar Soap are announced elsewhere in this issue.

CHESEBROUGH MANUFACTURING CO., Victoria Road, Willesden, London, N.W.10, inform us that their factory, warehouse and offices will be closed on Saturdays during June, July and August.

LIPSTICK.—Calmon & Neate, Ltd., 8 Gerrard Street, London, W.1, announce the inauguration of a publicity campaign for Michel Lipstick. This product is issued in six tints. Further details are given elsewhere.

NON-POISONOUS SHEEP DIP.—Colbit, Ltd., Fairfield, Manchester, are advertising Sulfluid, the new non-poisonous sheep dip as approved by the Ministry of Agriculture. Applications for trade terms and for agents are invited.

MOTHAKS.—Thompson & Capper (Wholesale), Ltd., Manesty Buildings, 5 College Lane, Liverpool, 1, announce that the advertising of Mothaks is in progress through the lay Press. An offer of a showcard is made elsewhere in this issue, together with full details and terms.

POWDERFLIRT PUFFS.—Illustrated herewith are a showcard and specimen packings of the Powderflirt Wonder Puff, which is washable and is stated to be "almost everlasting." There are seven varieties available at varying prices according to size and shape. They are manufactured by J. G. Franklin & Sons, Ltd., 15 Colvestone Crescent, London, E.8.

SPEEDY SERVICE.—Alldays & Onions, Ltd., Great Western Works, Birmingham, 11, direct attention to the value of their delivery cycles built for hard wear in order to speed up service of deliveries. Full details are given in this issue.

PHARMACY AND POISONS ACT, 1933.—Potter & Clarke, Ltd., 60-64 Artillery Lane, London, E.1, have prepared two pamphlets; one gives notes for those who, not being pharmacists, do not wish to become listed sellers, and the second pamphlet provides notes for listed sellers.

IODINE SMELLING SALTS.—Sampson iodine smelling salts for use against catarrh, asthma, sea-sickness and air-sickness, and hay fever is being nationally advertised. They are made by the Iodine Products Manufacturing Co., 54 Windsor Road, London, E.10. Telephone: Leytonstone 2985.

ENDRINE.—Petrolagar Laboratories, Ltd., Braydon Road, London, N.16, announce a bonus offer of thirteen to the dozen during the month of June, which is usually considered to be the hay fever season. A new showcard is available for display. Bonus orders may be passed through the usual wholesale houses.

CHECK TILL.—Thomas O'Brien, Ltd., Slater Street, Bold Street, Liverpool, have announced the introduction of a new model for chemists whose counter space is limited. It is a slightly reduced model of their "Standard" embodying a self-closing drawer and double safety mechanism. It is finished in mahogany or made specially to match any fittings. O'Brien tills carry a five-year guarantee.

INSECT BITES.—The season when insect bites become troublesome is fast approaching, and The British Drug Houses, Ltd., Graham Street, City Road, London, N.1, are advertising Otango, which is issued for the prevention and relief of insect stings. Otango liquid and cream are packed in attractive cartons. Inquiries are invited.

"QUEEN MARY" SOUVENIR.—The Vinolia Co., Ltd., Bebington, Cheshire, have issued a folder which they are distributing to customers, advertising the special souvenir soap medal struck to commemorate the maiden voyage of the "Queen Mary." The soap from which the model is made is actually being used in a special wrapper on board the ship.

SALES AID.—Glaxo Laboratories, Ltd., Greenford, Middlesex, issue a pedestal stand for displaying their pharmaceutical products of special interest to the medical profession. A showcard is also available for drawing attention to their cereal food Farex. This card is printed in colour and shows Farex in a hygienic pourer drum in use. Specimens are obtainable on application.

MAGSYN ASPIRIN TABLETS.—Allen & Hanburys, Ltd., Bethnal Green, London, E.2, have introduced Magsyn magnesium-synergised aspirin tablets. It is stated that the magnesium appears not only to assist the analgesic effect of the aspirin, but it also helps to prevent any gastric disturbance which may arise when aspirin is taken alone. The tablets are issued in three sizes.

FORTAMIN TONIC.—Schering, Ltd., 188-192 High Holborn, London, W.C.1, issue a vegetable tonic containing the active principles of herbs, etc. It is manufactured by a special process and is intended to improve the circulation of the blood and to correct conditions of physical weakness especially in convalescent patients, invalids, etc. Fortamin contains no poisonous substances.

RADIANT HEAT.—The Universal Diathermatic Laboratories, Ltd., 15 Hanbury Road, Acton, W.3, make the Zermopad radiant heat sachet which, it is stated, produces curative radiant heat by an entirely new method. The appliance is brought into action by pouring a tablespoonful of cold water in the place indicated. The maximum temperature is 170° F. Zermopad consists of a paper envelope containing a green canvas bag which holds the patent heat producing elements. Full directions are given with the pad.

PRICE LISTS.—W. H. Hobbs & Co., Ltd., Trinity Place, London, E.C.3, have issued a new price list of their products. This price list, which contains interesting illustrations including collecting and exportation of Abyssinian civet, gives prices of the full range of the products issued by this company.—Howard Lloyd & Co., Ltd., Asfordby Street Works, Leicester, have recently published a comprehensive list of their specialities which include pills, tablets and capsules.—Southall Bros. & Barclay (1935), Ltd., Priory House, Gooch Street, Birmingham, 5, have issued their annual price list dated May. It consists of 286 pages and is profusely illustrated. Butler & Crispe, Ltd., 80/84 Clerkenwell Road, E.C.1, have recently issued the new edition of their comprehensive catalogue for 1936. This has been corrected to March 25 and consists of four sections: proprietary goods, drugs and packed goods, chemists' sundries and photographic goods. The list is copiously illustrated.

CROOKES' SUPER-D OIL.—Crookes Laboratories, Gorst Road, Park Royal, London, N.W.10, have introduced a high potency oil for administering massive doses of Vitamins A and D. They describe it as Crookes' super-D oil. The statement is made that this product is not a concentrate but an entirely natural liver oil containing 50,000 international units of Vitamin D and 48,000 international units of Vitamin A per gramme. It is packed in 5-c.c. phials and 3-minim capsules. Food manufacturers and those desirous of adding natural Vitamins A and D instead of their synthetic equivalents are invited to apply for full particulars.

Births

Notices for insertion in this column must be properly authenticated

HESELTON.—At the Highfield Way, Rickmansworth, on May 23, the wife of Geoffrey G. Heselton (Wigglesworth, Ltd., manufacturing chemists, Westhoughton), of a daughter.

MORGAN.—At Villiers Road, Manor Park, Slough, on May 22, Rena, the wife of Stanley Morgan, M.P.S., of a son.

Marriages

BOLTON—HATTON.—At St. Michael's Church, Tilehurst, near Reading, recently, William Stewart Bolton, chemist and druggist, to Edith Franklin Hatton.

KERSHAW—ROWLANDS.—At Maentwrog, Merionethshire, recently, Arthur Norman Kershaw, chemist and druggist, Keighley, to Jennie Rowlands.

MARTIN—ASHWORTH.—At Rhos-on-Sea, on April 13, Fred Martin (representative staff of Stothers, Ltd., manufacturing chemists, Atherton, Lancs), to Bertha Ashworth.

TROUGHTON—COWELL.—At the Parish Church, Peel, Isle of Man, on April 28, Charles A. J. Troughton, chemist and druggist, Ramsey, to Mildred Cowell.

WARNES—JAMES.—At Falmouth Road Welsh Presbyterian Church, London, S.E.1, recently, James Harold Warnes, chemist and druggist, to E. Olwen James.

Deaths

ASHMORE.—At Bradford, on June 11, Miss Elizabeth Wallace Ashmore, chemist and druggist, for fifteen years on the staff of the Bradford Eye and Ear Hospital.

CALLAWAY.—Recently, Mr. James Thomas Callaway, chemist and druggist, Great Cambridge Road, London, N.17. Mr. Callaway qualified in 1893.

COBB.—At 311 High Street, Brentford, on May 12, Mr. Herbert Ernest Cobb, chemist and druggist, aged sixty-eight.

DEWDNEY.—At Leigh-on-Sea, recently, Mr. Albert Victor Dewdney, chemist and druggist. Mr. Dewdney qualified in 1896.

ELLUL.—On April 22, Mr. Lawrence Ellul, chemist and druggist, Conspicua, Malta. Mr. Ellul passed the Qualifying Examination in 1895.

JONES.—Recently, Mr. William Percy Jones, chemist and druggist, "Glenhurst," Conway, North Wales, aged twenty-four.

MACLEAN.—At Stony Stratford, on May 16, Mr. James Maclean, chemist and druggist. Mr. Maclean qualified in 1891.

MCLOUGHLIN.—At Killyleagh, co. Armagh, on May 19, the mother of Mr. S. McLoughlin, Ph.C., Downshire Road, Belfast.

MCMILLAN.—At his residence, Beuvareu, Carrick Road, Ayr, on May 19, Mr. James McMillan McMillan, chemist and druggist, 6 Alloway Street, Ayr, aged seventy-six. Mr. McMillan was for forty years a director of Ayr County Hospital. He was a keen photographer, and was deeply interested in sport. Mr. McMillan is survived by his son, Mr. George A. McMillan, chemist and druggist (who has been associated with his father in the business), and by two daughters.

MORRIS.—At the Brunswick Nursing Home, Swansea, on May 3, Mr. Ernest Morgan Morris, chemist and druggist, Station Road, Brynamman.

PETTINGER.—Recently, Mr. William Elmer Pettinger, chemist and druggist, Leigh-on-Sea. Mr. Pettinger qualified in 1899.

YOUNG.—On May 19, Mr. Walter Young, Ph.C., Buxton, aged fifty-eight.

Personalities

MR. CHARLES L. HUISKING, of New York, who has just completed a European trip, has sailed for home on the s.s. "Washington."

MR. H. RILEY is representing R. F. White Co., Ltd., toilet soap manufacturers, Mitcham, in the Eastern Counties, Oxford, Bucks and Berkshire, as from June 1.

MR. J. T. MOUNTAIN, chemist and druggist, Bicester, has been elected to the committee of the local Social Club, and has also been appointed secretary of the Bicester Rifle Club.

MR. T. EDEN, chemist and druggist, Workington, recently gave a lecture, illustrated with lantern slides, before the Workington Rescue Lodge on "Cod-liver Oil and its Vitamin Value."

MR. C. P. WILSON, of the Californian Fruit Growers' Exchange (Products Dept.), who has just concluded a five months' European trip, has sailed for home in s.s. "Washington."

IN recognition of his outstanding services to Spanish interests the Government of the Spanish Republic has conferred the decoration of Comendador de la Orden de la Republica upon Sir Henry Wellcome, LL.D., F.R.S., the founder of the Wellcome Research Institution, London.

MR. A. S. BIRNIE is retiring on May 30 from the position of manager of the London house of J. F. Macfarlan & Co., after forty-three years with the firm. Following a period of holiday Mr. Birnie will return in a consulting capacity. Mr. D. Rainy Brown, B.A., will be his successor.

PROFESSOR EDMOND NORRIS GATHERCOAL, of Chicago, Professor of Pharmacognosy of the University of Illinois School of Pharmacy, has been awarded the Remington medal for 1936 in recognition of his service to pharmacy. He was chairman of the Revision Committee of the National Formulary VI.

AT the seventeenth annual conference of Rotary International Association for Great Britain and Ireland which was held at Blackpool, recently, the following were among the pharmacists present:—Messrs. R. J. Arnold, Bideford; E. A. Bailey, Boston; A. J. Franklin, Brighton; W. E. Mason, Brixton, London, S.W.; A. G. Tilley, Farnham; C. E. Bell, Felixstowe; C. Stonelake, Guernsey; H. J. Whitehead, Hackney, London, E.; G. S. Ball, Heanor, Nottingham; H. S. Durbin, Kingston-on-Thames; T. Beech, Leatherhead; W. C. Sayers, Lewisham; W. J. Tristram, Liverpool; A. F. Corfe, Maidstone; A. M. Garden, Mitcham; J. F. Collin, Norwich; C. J. V. Bellamy, Oxford; F. A. Williamson, Preston; T. A. Smith, Radcliffe, Lancs; H. Thomas, Rochdale; P. Davy, Rotherham; J. Austen, Sheffield; W. Hudson, Skegness; F. Irving, Skipton; D. McGregor, Stirling; and E. Widgery, Weston-super-Mare.

Wills

MR. DAVID MCMURRAY, Brunswick Road, Bangor, co. Down, druggist, who died on January 3 last, aged eighty-three, left personal estate in Great Britain and Northern Ireland valued £3,868.

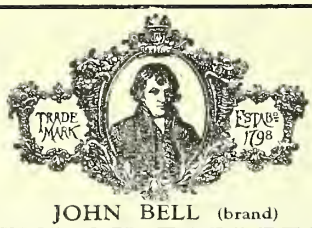
MR. JOHN CARMICHAEL, 71 High Street West, Leslie, Fifeshire, chemist and druggist, who died on April 27 last, aged sixty-four, left personal estate in Great Britain valued at £3,998.

MR. CHARLES FREDERICK GOSNEY, Rothesay, Seaton, Devon, chemist and druggist, who died on December 29 last, aged seventy-nine, left estate gross value £17,097, with net personalty £15,515.

MR. ARTHUR GARRATT CHAMBERLAIN, 81 Vicarage Road, Eastbourne, pharmaceutical chemist, who died on April 8 last, aged eighty-five, left estate gross value £16,174, with net personalty £12,627.

MR. WALDRON GRIFFITHS, F.R.M.S., 1 Cecily Hill, Cirencester, Gloucs, chemist, and a prominent cryptogamist, botanist, and microscopist, who died on February 23 last, aged eighty-six, left estate gross value £4,706, with net personalty £3,582.

Telegrams: "Atoleine Sedist, London."



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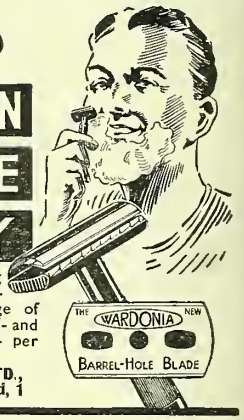

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M/25. Shaker Major bath salt container (stirring pattern)
P/22. Triethylaminarsenite
A/13. Trixyl antiseptic

THE

CHEMIST AND DRUGGIST

OL. CXXIV. May 30, 1936 NO. 2938

Election Reflections

E results of the Pharmaceutical Council election published in last week's *C. & D.*, p. 604, provide material for lection. We have to refer to the Council election held irty-six years ago to find a parallel. In an editorial mment (*C. & D.*, 1900, I, 851) the following appears: The result of the Council election altogether justifies the ovement for new blood. Mr. Wootton (a former Editor THE CHEMIST AND DRUGGIST), Mr. Albert Cooper and . Taylor take the places of Mr. Bateson, Mr. Gross and . Warren." On this occasion also three out of the seven iring councillors have been rejected in favour of three w-comers, all of whom are retail chemists. If the ndulum has swung so definitely in the direction of direct presentation on the Council of retail pharmacists by eir fellow retailers, this result may be ascribed to the mpulsion forced on the trade to become members of the ciety. It must be borne in mind, however, that the ug trade, as it is at present constituted, is a complex siness, and it is desirable in the interests of every branch the trade to have members representative of the various ctions; whether or not retail chemists are likely to nsider this, time must be allowed to tell.

Among the points to be noted are the facts that two tirely new candidates are fourth and fifth on the list, sixth successful candidate has by his persistence gained seat, and the seventh has retained his position over co-opted member by slightly over 100 votes. The one presentative of women pharmacists has been ematically rejected. Yet, in view of the large number of men pharmacists to-day, it is desirable that their interests ould again be looked after by a lady councillor, and is to be hoped that next year a lady will come forward election. According to the scrutineers' report, the mber of voting papers issued was 21,763; of these, 822 were received in the required form, and the number voting papers not returned was 11,941. Obviously, erefore, the effective circulation of voting papers is less an 50 per cent. of the number of chemists on the Register. at means to say that over 50 per cent. of the distribution voting papers was so much waste paper. This, of urse, has to be paid for, yet pharmacists are fully aware at this is not the only waste paper for which they have pay.

According to custom the president, at the annual meeting, oved the adoption of the annual report and statement of counts and gave a survey of the work of the Society. In e discussion which followed, Mr. McNeal, who, as is ready known, is one of the new members of the Council, ointed out that the Society had to find this year £12,000 pay for the Journal, and that since this large amount presented one-eighth of the income of the Society, some eps should be taken to reduce this colossal expenditure. is unfortunately not made clear whether overhead charges ere included in this loss or if they are to be found elsehere in the financial statement. It seems to us that if e entire cost of the Journal were included the expenditure ould be considerably more than the amount indicated. The question arises whether or not such a huge sum of money could not be put to better advantage. We have not the least doubt that the new members of the Council will consider carefully the finances of the Society and try to prevent any emulation of the activities of Government spending departments.

In the president's replies to questions it is difficult to pass without comment the somewhat curious answer given in reply to Mr. McNeal's plea for more economical production in the publishing transactions of the Society. It is common knowledge that the president of the Society has high ethical ideas in regard to the professional side of pharmacy. In his happy situation on the banks of the Cam, it would almost be impossible to be otherwise. He has been a staunch supporter of higher education for pharmacists, and has never wavered in his plea that the professional side of pharmacy is one to be developed. In the circumstances, therefore, it is somewhat incongruous to find the president, at the annual meeting of the Society, blandly suggesting a method of reducing expenditure on one publication which in commercial circles is considered archaic. Manufacturers who have big interests at stake, as well as wholesalers, will no doubt read the president's recommendations with mixed feelings.

So far as the spending of money is concerned, the only people to whom pharmacy has been advertised by the Pharmaceutical Society seem to be the members of the Society themselves. There has been no attempt from the professional side of the Society to advertise to the public generally what a chemist really means in the scheme of commerce in this country. It must be obvious to those who read the newspapers and pay attention to bill hoardings that the real advertisers of professional pharmacy are not the Council of the Society but the multiple chemists, who, by intensive propaganda in all directions, have done much to convince the public that professional pharmacy is to be found not in the shop of the private chemist but in one of their branches. No one can find fault with this propaganda. Nevertheless, it is deplorable that the Pharmaceutical Society, with its assured income, should never have taken the trouble to instil into the minds of the public the importance of the professional side of pharmacy.

With regard to the new building, chemists to-day may be quite willing to accept the fact that a new building is essential, but let those who dream about dwelling in marble halls awake and remember that pharmacists have enough to pay for at present without being called upon to contribute to an exorbitant price for a building which to many of them is only an address to which they send fees.

Bromides Position Strengthened

IT is just over three years since there was any alteration in the agreed scales of prices quoted for Bromides for this market. Hitherto values had changed fairly frequently and at times quotations were unsteady. The market and the sales policy adopted was largely in the hands of Continental interests, due to their control of the raw material. The weakness of the home makers lay in their having to obtain their bromine from a competitive source. The advent of a source of supply of the raw material within the Empire, of limited capacity in its early days, has, after a good deal of difficulty, become well established and is now apparently able to meet the home producers' requirements. This success in Palestine is the foundation on

which production of bromides in this country has been developed in a few years with the home makers doing an appropriate volume of the business. The establishment of this industry on a self-reliant basis is one of the more important results of the safeguarding of key industries. For some time prior to the advance in prices recorded this week there had been a fair amount of "outside" material coming on this market which was having a disturbing effect, being offered at a trifle under the agreed scale of prices. These supplies appeared to come from the Continent, from Japan and, very occasionally, from Russia, the two latter sources being of minor importance. Recently, the cheaper shipments from the Continent have not been in evidence and it seems that, except for the Japanese source, which, of course, may become effective but is hardly likely to, and for an occasional limited quantity that may come in from Russia, the position is now very much better as regards maintaining a steady level of sales prices. At the advance of one penny per lb. consumers do not appear to be asked to pay anything more than very reasonable prices. Export prices, quoted f.o.b. London, have been adjusted accordingly and it is noted that in connexion with shipment business orders are being accepted only for prompt shipment; contract business to supply goods at current prices over a period is not to be negotiated, which appears to us to be a fair indication of the strength of the market.

Grey Powder Prosecutions

It appears somewhat strange that a defence should be even hinted at, in a prosecution under the Food and Drugs (Adulteration) Act, based on the verbal difference between the singular and plural forms "grey powder" and "grey powders." But this seems to have been done in a case recently heard at a London police court (*C. & D.*, May 16, p. 559). A chemist and druggist was asked for "one gr. grey powder—two dozen"—or so the written order read, although the words "grey powders" may have been used verbally. The defendant stated that if he had been asked for "grey powder" instead of "grey powders" he would have made some inquiries. But "grey powder" is the synonym in the Britisn Pharmacopœia for hydrargyrum cum creta; how, then, can it have been suggested that the percentage composition of the powders could be varied because the chemist was asked to sell the substance in weighed doses? The same argument might be applied to pills or suppositories ordered under their pharmacopœial name, as the British Pharmacopœia uses the singular words in such cases. Such defences hardly do credit to pharmacy, and it would be better simply to have confessed to a mistake for which the learned magistrate said the wholesalers were responsible. An even more remarkable case was reported from the same court a few days earlier (*C. & D.*, May 2, p. 509). In this instance the prosecuting solicitor stated that the "grey powder" in respect of which the action was brought should have contained 33 per cent. of mercurous chloride and 67 per cent. of chalk. The obvious deduction is that on some days grey powder can be hydrargyrum cum creta, and on other days a 33 per cent. trituration of calomel. Such a deduction could hardly be sustained if challenged.

Two Lists of Corrigenda

We received shortly before going to press with this issue two important lists of corrigenda, relating respectively to the United States Pharmacopœia XI and the National Formulary VI. Copies suitable for insertion in the volumes mentioned may be obtained from the publishers, the Mack Printing Co., Easton, Penna., U.S.A., enclosing a stamp to cover postage. One of the U.S.P. XI emendations has been incorporated in the letter sent with the list (for which se p. 622):—

> The new Pharmacopœia directs that distilled water sha be used in all formulas, but a further study of the difficultie involved has led the Committee to revise this requiremen and permit the use of a *natural water* of good quality as a alternative to distilled water in the extraction of U.S.P vegetable drugs and in the manufacture of resin of podo phyllum and of saponated solution of cresol. This is of th nature of an "interim revision," and a formal statemen permitting the alternative use of natural water and establish ing standards for it will be issued in the near future as a interim revision. In addition to this revision of the distille water requirement, other interim revision changes will soo be announced.

Several of the numerous changes are little more than verbal but others are of importance in assay processes. The sam remark applies to the fifty-four corrections of the N.F. VI.

League of Nations

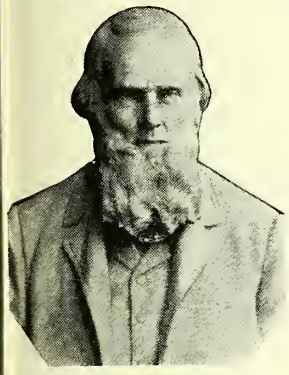
The latest Report to the Council of the League of Nations o the work of the Permanent Central Opium Board (C.I.M.I. 1936, xi: Allen & Unwin, Ltd., London, W.C.1, 7s.) give statistics and comments relating to the year 1934. Th Report consists of 170 foolscap pages, of which some 150 ar taken up with tables of statistics. Satisfaction is expressed a the position of stocks of manufactured drugs, but the con clusion is reached that it is impossible to lay down any har and fast rule as to what constitutes over-accumulation. Limita tion to one years' actual requirements is recommended. Th chief danger from excessive accumulation lies in the evidenc that tons of raw materials escape to unknown destinations an may become available for use in clandestine factories. Th annual statistics of prepared opium were sent to the Board with "Nil" entries by a number of countries and territories in which opium-smoking is not permitted. This might lead people to suppose that the use of prepared opium is authorised in many places where it is, in fact, forbidden, says the Report. In an examination of the way in which Governments have fulfilled their obligations under the 1931 Convention, the Report reveals that, except in nine countries, no drugs are returned as having been used in compounding preparations for which export authorisations are not required. Commenting on this "extraordinary fact," the Report declares that considerable quantities of these preparations are undoubtedly in use. No information is forthcoming as to the countries which manufacture them, but "a possible explanation would seem to be that the preparations are generally manufactured direct from opium or coca leaves." The main objects of the Convention with regard to manufacture were successfully attained in the period under review. No more of the main drugs were manufactured in the year than were needed to meet the world's requirements, and the stocks in hand at the end of the year were not unduly large. Serious discrepancies, however, occurred between export and import statistics for various countries. Thus, during 1934, 122,212 kilos of raw opium were reported as imported from Turkey, while only 56,079 kilos were reported by Turkey as exported. Against this must be offset a difference in the reverse sense for the previous year.

On the question of smuggling, it is claimed that the authorities are able to cope with the illicit traffic in raw opium and Indian hemp, but that to stop the smuggling in small bulk manufactured drugs would require a Customs examination so close as to "kill" legitimate trade. Success can best be achieved, says the Report, by the help of informers. Figures relating to the estimated number of addicts in the United States and Canada and particulars of the efficient control in each country are quoted as evidence of the existence of clandestine factories producing large quantities. "Addiction," the Report concludes, "is certainly not confined to North America."

Chamber of Commerce Congress.—His Majesty the King has consented to be patron of the Congress of Chambers of Commerce of the British Empire which opens at Wellington, New Zealand, on October 2, under the presidency of Viscount Elibank.

The New Beecham Factory

THE manufacture of proprietary medicines of the best type rests on the twofold foundation of analytical control and advertising; and it should follow that there is no adequate substitute for a medicine manufactured with the specialised knowledge that experienced control brings. In the Editor's room at the old offices of THE CHEMIST AND DRUGGIST, several years ago, the chief proprietor

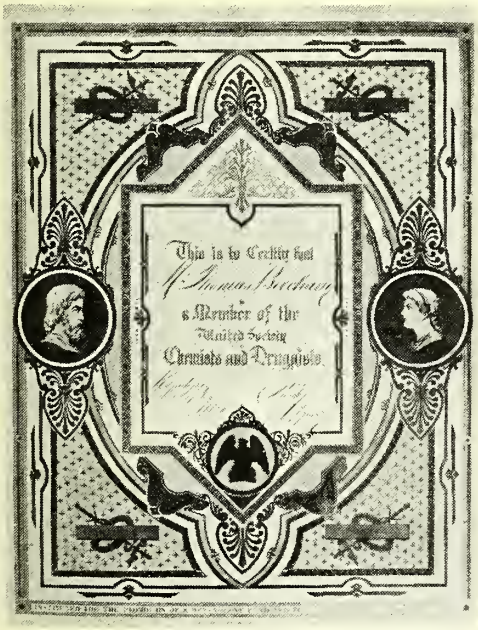


MR. THOMAS BEECHAM

SIR JOSEPH BEECHAM, BT.

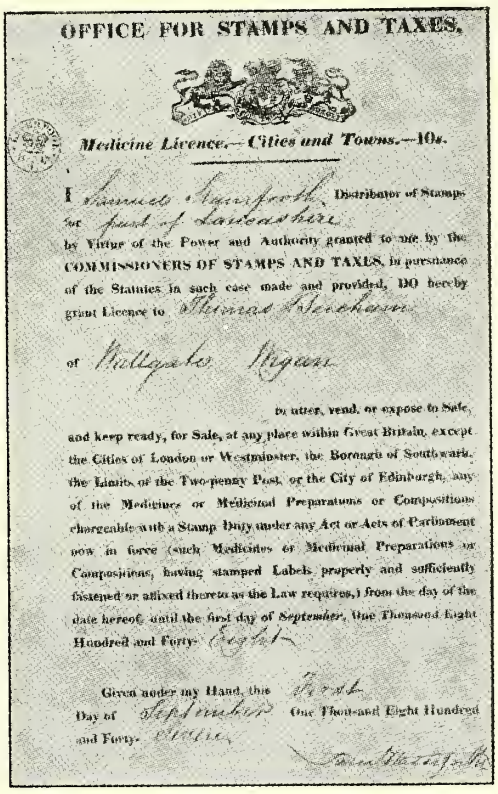
of a medicine of world-wide reputation remarked that he had no objection to disclosing the formula of his product, as he would still undertake to turn out a better article than any competitor could. It was with this dictum in mind that we accepted recently an invitation to visit the extended and reorganised factory of Beechams Pills, Ltd., in St. Helens.

The history of Beechams Pills is one of the romances of proprietary medicine. Mr. Thomas Beecham was born at



MR. BEECHAM'S CERTIFICATE OF MEMBERSHIP OF THE UNITED SOCIETY OF CHEMISTS AND DRUGGISTS, DATED MAY 4, 1864

Curbridge, Oxfordshire, in 1821, and commenced business as a chemist in Wigan. One of our illustrations shows a patent-medicine licence granted to him in 1847, at which time, it may be remembered, three rates of duty were in force. In 1875 the two higher rates were abolished and a uniform duty of 5s. per annum was established. It is worthy of note that the first entry in Mr. Beecham's oldest order-book referred to a sale of his pills to a Mr. Kershaw, a Southport chemist. The business was removed from Wigan to St. Helens in 1858, and early in the 'sixties the pills had already become widely known. On May 4, 1864, Mr. Beecham was registered as a member of the United Society of Chemists and Druggists, a body actively interested in shaping the Bill which eventually became the Pharmacy Act of 1868. In 1895 his elder son (afterwards Sir Joseph Beecham, Bt.) took control of affairs, and the founder retired. Sir Joseph had three terms of office as Mayor of St. Helens, and was a generous benefactor to the borough; his artistic and musical gifts brought him wider notice and the friendship of other patrons of the fine arts. He died in 1916.



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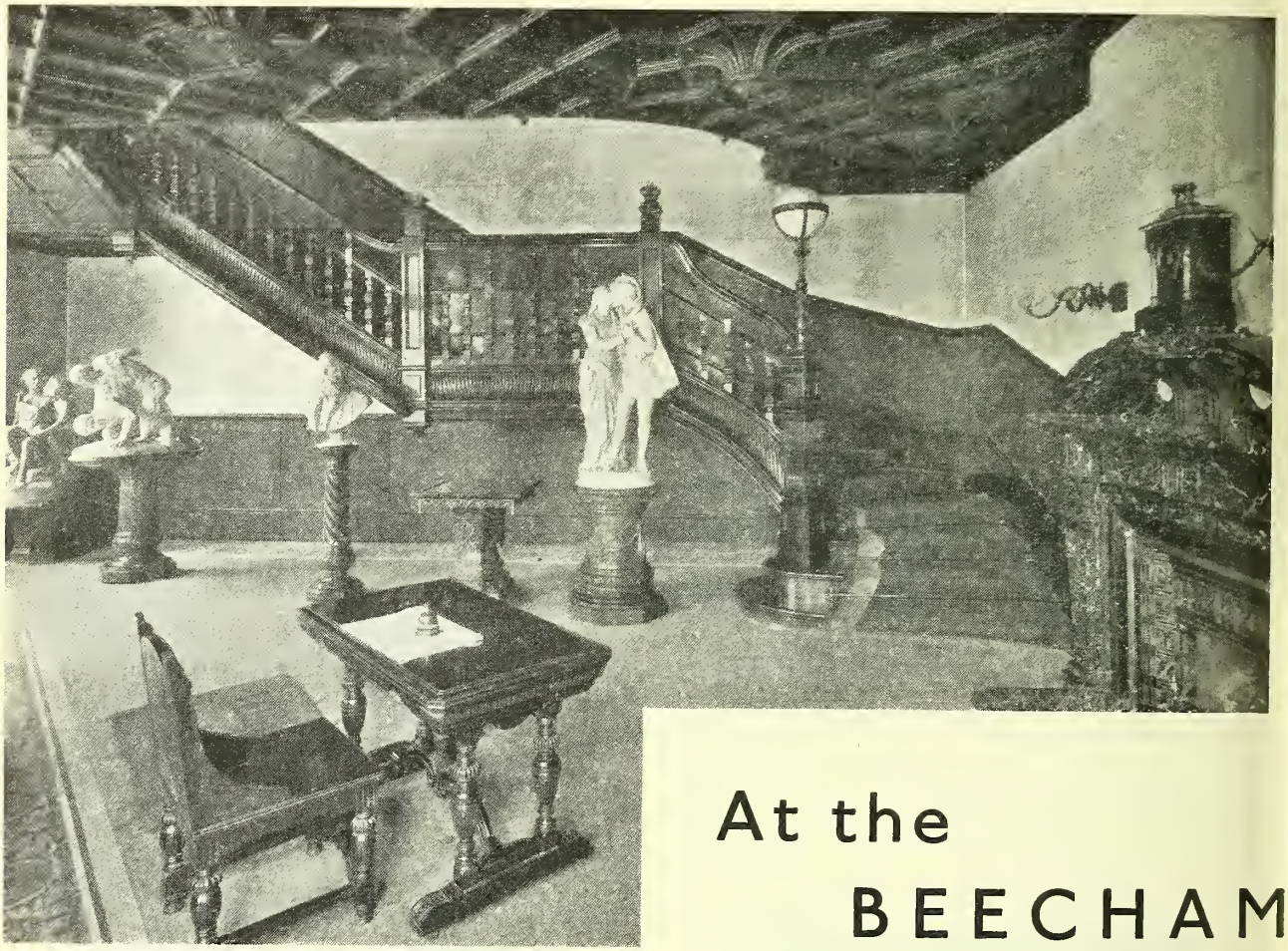
Given under my Hand, this First Day of September One Thousand Eight Hundred and Forty-eight

MEDICINE LICENCE GRANTED TO MR. THOMAS BEECHAM IN 1847

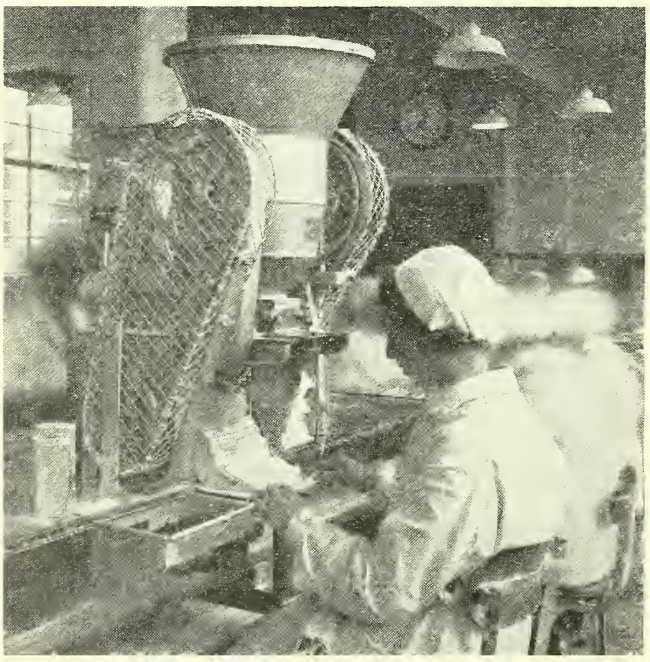
The administration of his estate led to the formation in 1924 of Beecham Estates and Pills, Ltd.; eventually, in 1928, a separate company was formed to continue the business under its present title. The company has now a controlling interest in the Veno Drug Co., Ltd.; Prichard & Constance (Mfg.), Ltd.; A. F. Sherley & Co., Ltd.; Yeast-Vite, Ltd.; Phosferine (Ashton & Parsons), Ltd.; and other companies. It has also manufacturing centres in Melbourne, Australia, Cape Town and Niagara Falls.

The main building in Westfield Street, erected in 1885, has been extended last year by the addition of a factory built to the specification of Messrs. Hood & Huggins of 62 Oxford Street, London, W.1. The extension has been carried out so as to tone with the older portion of the building, while embodying modern principles of construction. Steel girders

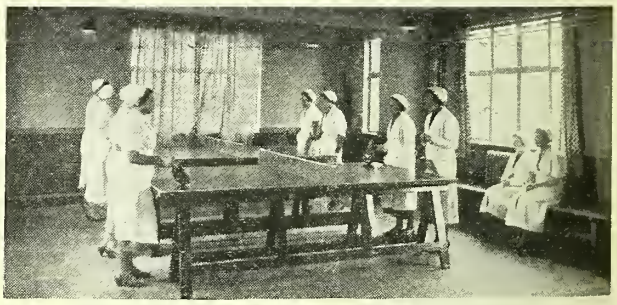


Entrance hall at the Beecham Works

At the BEECHAM

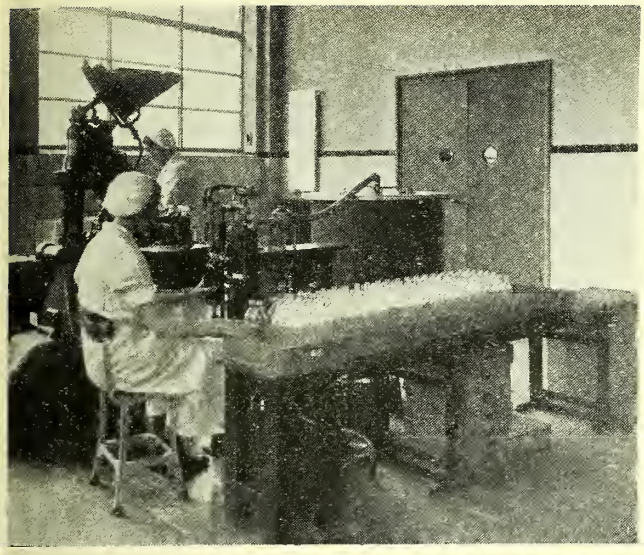


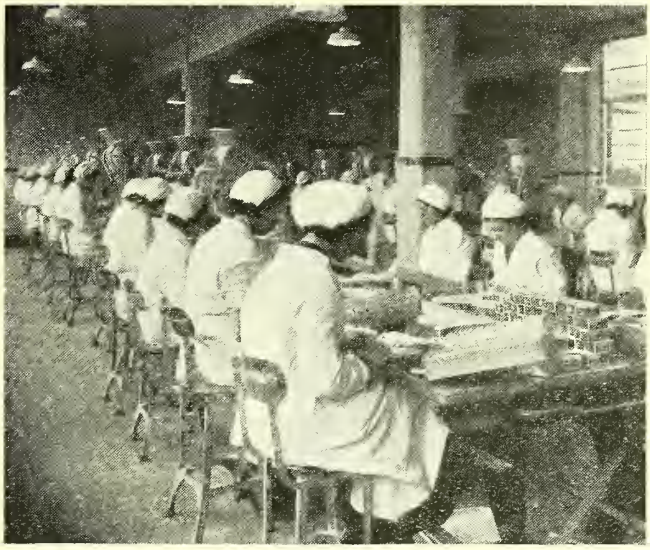
Weighing and folding Beechams Powders



A rest room

In the clerical department





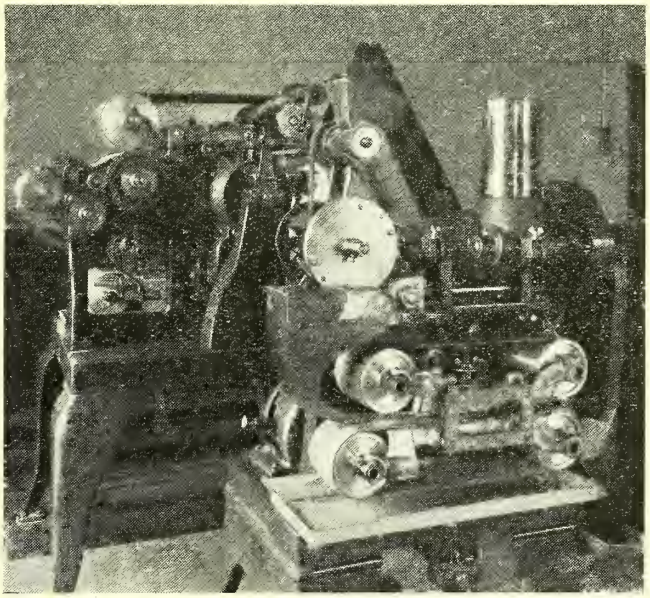
Above, left: *Bottling Beechams Lung Syrup*

Above, right: *Finishing Beechams Powders*

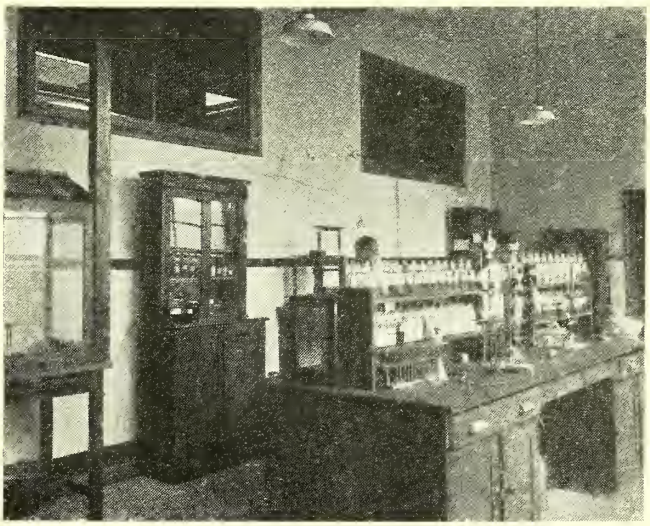
At right: *A Colton pill machine*

Below, left: *Packing Beechams Pills*

Below, right: *Corner of analytical laboratory*

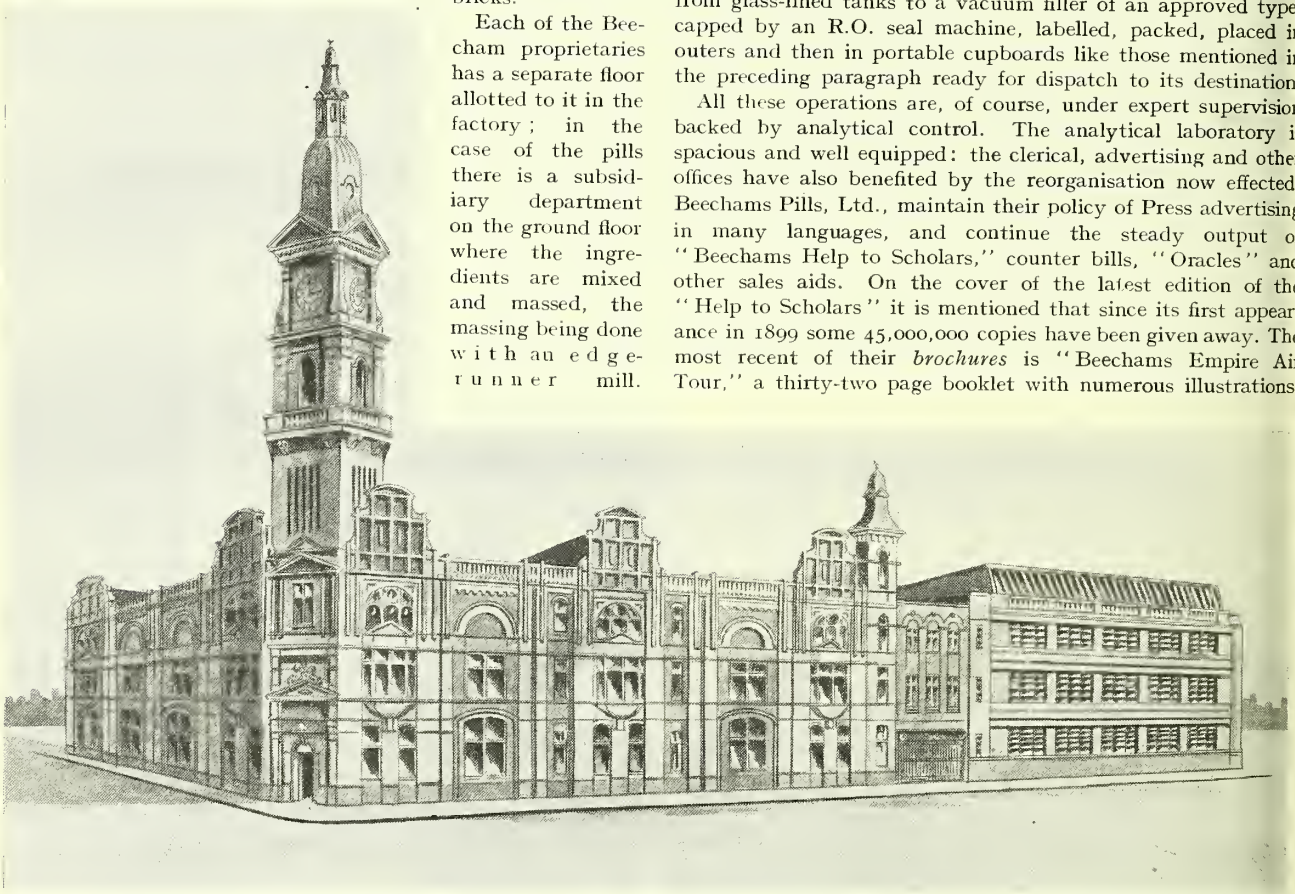


WORKS, St. Helens



support the framework, and the maximum of light is obtained by the use of metal-frame windows. Much thought has been given to the hollow-tiled and concrete floors, on which rubber covering has been extensively used, even in the corridors and staircases, with coved meeting between floor and dado to prevent the accumulation of dust. An electric scrubbing machine makes frequent journeys round each floor. The pleasing and warm appearance is also increased by the cream-tiled walls. The cloakroom accommodation has been conveniently placed in the centre of the building, with marble terrazzo floors; and the new portion is provided with an interior ventilating and lighting well the surrounding walls of which are of white glazed bricks.

Each of the Beecham proprietaries has a separate floor allotted to it in the factory; in the case of the pills there is a subsidiary department on the ground floor where the ingredients are mixed and massed, the massing being done with an edge-runner mill.



THE FRONTAGE SHOWING THE EXTENSION

Thence the mass is taken up in a lift to the cutting room. Efficient as the present machinery is, it is being replaced by Colton machines of the latest type: when the installation is complete, the older machines will be transferred to the company's warehouse on the opposite side of Westfield Street as a stand-by in case of an unforeseen breakdown. After collection in large trays, the pills are given a lengthy period of drying in order that they may retain their shape. They are boxed (the wooden boxes having been conditioned for use) with the aid of an ingenious counting machine. At the finishing table the endless band system ensures efficiency and obviates delays; and in this connexion it may be noted that all the tables and working benches in the factory are provided with linoleum covering and stainless steel edging, ensuring perfect hygienic conditions. Another machine in this room folds and cuts the pamphlets to go round the boxes.

Beechams Powders are prepared in a nickel-plated mixer in a room set apart for the purpose. Another refinement is found here: the possibility of specks of dust getting into the finished product is overcome by a system of air filtration, the air being passed through oil filters. The bulk powder goes to a room furnished with a battery of electrically controlled weighing machines each in charge of an operator who folds the powders and with a turn of the wrist drops them in quick succession on the endless band beneath the apparatus. Boxing and finishing are done in the same room; finally the outers travel, in cupboards specially constructed to fit delivery trucks, by way of a lift to the dispatch department.

Beechams Lung Syrup is handled with the same meticulous care as the pills and powders. After mixing it is delivered from glass-lined tanks to a vacuum filler of an approved type capped by an R.O. seal machine, labelled, packed, placed in outers and then in portable cupboards like those mentioned in the preceding paragraph ready for dispatch to its destination.

All these operations are, of course, under expert supervision backed by analytical control. The analytical laboratory is spacious and well equipped: the clerical, advertising and other offices have also benefited by the reorganisation now effected. Beechams Pills, Ltd., maintain their policy of Press advertising in many languages, and continue the steady output of "Beechams Help to Scholars," counter bills, "Oracles" and other sales aids. On the cover of the latest edition of the "Help to Scholars" it is mentioned that since its first appearance in 1899 some 45,000,000 copies have been given away. The most recent of their *brochures* is "Beechams Empire Air Tour," a thirty-two page booklet with numerous illustrations.

The entrance hall (shown in one of our illustrations) contains some notable statuary and a remarkable table inlaid with mother-of-pearl: on the first floor are commodious offices for directors and heads of departments as well as the clerical offices. At the top of the building light and airy welfare rooms have been organised, in one of which there is ample provision for games. A break in the work is given twice a day in addition to the midday interval, with benefit to the health of the workers.

The capacious warehouse on the opposite side of the street houses reserves of packing material, cases and so forth, and includes a repairs "shop" the utility of which is obvious. Never resting on their laurels, the company are installing neon lighting along the whole of the frontage, with the addition of a powerful beacon light in the lantern at the top of the tower. With the ideal lighting and other working conditions in the factory itself, and the expert control of the directorate, a continued expansion of output may be confidently expected.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, May 28

THE markets continue to attract a fair average amount of business and the general tone is steady. Nervousness in the rates of exchange is not so marked and the forward quotations are slightly steadier. Offers of Italian produce continue to be received from the source at figures substantially below those ruling on spot for the limited quantities available, and it is evident some of these items may break sharply should the prohibition of imports be raised, but this does not seem likely to happen in the near future. In the PHARMACEUTICAL CHEMICALS markets the volume of business passing is not more than average. A change of importance, but not an entirely unexpected one, is a small advance in the scales of prices for BROMIDES. Dealers notify a sharp reduction in the scale of prices for SALOL; this appears to have been made in order to meet the much cheaper outside material that had been offering on the market. SALICYLATES remain dull and are quoted unchanged.

Crude Drugs

A number of products in this section continue firm markets with spot values tending to advance still further. Japanese shippers' offers of AGAR are again dearer; spot is dull and, at the moment, quoted below replacement. Prices for BUCHU continue upwards and the possibility of something like a famine is threatened before the new crop comes along next year. Shippers' advices of prospects of new crop CASCARA SAGRADA all strongly indicate high figures; stocks of old peel are very low indeed, and the crop is expected to be moderate at the best. There has been a sudden recovery in Continental quotations for Russian ERGOT. Sudan GUM ACACIA is dull. HYDRASTIS is slightly firmer for shipment. LOBELIA HERB is quoted cheaper on spot. MENTHOL remains very quiet. SENEGA continues to sell fairly well on spot and prices are quite steady. Shippers' limits for all grades of TRAGACANTH tend to advance, due to shipment difficulties.

Essential Oils

Some little improvement in general business is recorded. Quotations for some oils seem to be keenly competitive. ANISE (STAR) is dull spot and forward. The demand for BERGAMOT has been unimportant. Some shipment offers of CANANGA appear to be at very low figures; the market is irregular. CASSIA, although quoted cheaply for shipment, fails to attract business. African CEDARWOOD is quoted cheaper. Madagascar CLOVE is dearer on spot. Australian EUCALYPTUS is moving up on spot following the recent shipment advances. Sicilian hand-pressed LEMON has met with only small orders for immediate requirements; spot holders' prices still vary a good deal. The shipment price for LEMONGRASS had reached a very low level, but is now steadier, business slow. West Indian LIME is meeting with a seasonal demand. French Guinea ORANGE continues firm for shipment and only a few firm offers are being received; in spot business has been fair at slightly higher figures. Quite a nice business has been done on spot in Japanese PEPPERMINT at steady prices, and there has been a fair amount doing in speculative business in the end of the year position. PETITGRAIN is slightly cheaper forward for bulk quantities.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	May 28	Value of the £
Amsterdam ...	Fs. to £	12·107	7·37½	12/1¾
Berlin	Mks. to £	20·43	12·38	12/1½
Brussels	Belgas to £	nominal	29·47½	16/9¼
Copenhagen ...	Kr. to £	18·159	22·40	24/8
Lisbon	Esc. to £	110	119¾	19/11¾
Madrid	Ptas to £	25·22½	36½	28/9
Milan	Lire to £	92·46	63⅜	13/8¾
Montreal	Dol. to £	4·86¾	4·99½	20/6
New York	Dol. to £	nominal	4·98¼	20/5½
Oslo	Kr. to £	18·159	19·90	21/11
Paris	Fr. to £	124·21	75 11/16	12/2
Prague	Kr. to £	164·25	120¼	12/2
Stockholm	Kr. to £	18·159	19·39½	21/1½
Warsaw	Zloty to £	43·38	26½	12/2
Zurich	Fr. to £	25·2115	15·42	12/2

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

GENERAL inquiry has been rather better this week. Following the much steadier tone during the past few weeks, the scales of prices of bromides have been advanced. A sharp reduction in salol is recorded; for some time the "controlled" prices had been heavily discounted. Salicylates remain dull.

ACETANILIDE.—Market is quiet, values unchanged: B.P. crystals and powder, 1s. 5½d. to 1s. 8d. per lb., as to quantity.

AMIDOPYRINE.—Quotations irregular, market remains very slack: crystals, five cwt., 18s. 0¾d.; two cwt., 18s. 5¼d.; less than two cwt., 18s. 10½d. per lb., with powder 2½d. per lb. extra.

AMMONIUM BENZOATE.—Limited inquiry, with values maintained: spot, 3s. 4½d. to 3s. 6d. per lb., as to quantity.

AMMONIUM ICHTHIOSULPHONATE.—Market steady, average small business: one cwt., 1s. 6½d., in 14-lb. tins; 1s. 8d., in 1-lb. tins; 1s. 10½d., in 8-oz. tins, and 2s. 1d. per lb., in 4-oz. tins.

ASPIRIN (TABLETS).—The following are agreed wholesale prices for the British makers: Under 5,000, 3s. per 1,000; 5,000, 2s. 11d.; 10,000, 2s. 10d.; 25,000, 2s. 9d.; 50,000, 2s. 8d.; 75,000, 2s. 7d.; 100,000, 2s. 6d.; 250,000, 2s. 5d.; 500,000, 2s. 4d.; 1,000,000, 2s. 3d.; 2,000,000 and over, 2s. 2d. per thousand tablets. A rebate of 1d. per 1,000 is allowed on orders for 10 million tablets taken over a period of 12 months. For small quantities higher prices would be asked by wholesale distributors.

BARBITONE.—Remains dull and unsteady: spot, two cwt., 15s. 3¾d.; 56 lb., 15s. 8d.; small parcels, up to 16s. 3d. per lb.

BENZOIC ACID (B.P.).—Fair inquiry, market fully steady: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 3d. per lb., as to quantity.

BISMUTH SALTS.—Fair business, with makers' scales of prices steady: Carbonate, B.P., one cwt., 6s. 6d.; 28 lb., 6s. 9d.; 8 lb., 7s. 3d.; less than 8 lb., 8s. 6d. per lb., with rebates on contracts for larger quantities.

BROMIDES.—Makers and dealers notify an increase of 1d. per lb. in their scales of prices as from May 22. The home trade prices are: Potassium, B.P., not less than five cwt., 1s. 7d.; not less than one cwt., 1s. 8d.; not less than 28 lb., 1s. 11d.; 14 lb., 2s. 1d. per lb. Sodium, B.P., not less than 5 cwt., 1s. 9d.; not less than 1 cwt., 1s. 10d.; not less than 28 lb., 2s. 1d.; 14 lb., 2s. 3d. per lb. Ammonium, B.P., not less than 5 cwt., 1s. 10d.; not less than one cwt., 1s. 11d.; not less than 28 lb., 2s. 2d.; 14 lb., 2s. 4d. per lb. net. 28 lb. parcels and one cwt. cases free. Distributors' prices for quantities less than 14 lb. would be at higher figures. Scales of prices for export, quoted f.o.b. London for prompt shipment, are as follows: POTASSIUM, 5 cwt., 1s. 1½d.; one cwt., 1s. 2d. SODIUM, 5 cwt., 1s. 2½d.; one cwt., 1s. 3d. Ammonium, 5 cwt., 1s. 4d.; one cwt., 1s. 4½d. per lb. Contracts over a period are not being booked.

CITRIC ACID (B.P. CRYSTALS).—Seasonal demand continues, market steady: British material quoted at 1s. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices for imported material are competitive.

COCAINE.—Makers' scales of prices for bulk quantities and wholesale distributors' prices for smaller quantities continue unchanged for home trade. Export prices vary as to destination.

CREAM OF TARTAR.—Steady business: British material, 99 to 100 per cent., 79s. per cwt., less 2½ per cent. discount. Dealers' prices for foreign material competitive.

GUAIACOL CARBONATE.—Due to competition prices are now down in the region of 8s. 6d. per lb. Market is quiet.

GUAIACOL (CRYSTALS).—Dealers are quoting 14-lb. jars at 10s. 2¼d.; 7-lb. bottles, 10s. 2¾d., and 1-lb. bottles, 10s. 8¼d. per lb. Liquid: 7-lb. bottles, 9s. to 9s. 9d. per lb.

HEXAMINE.—Makers' prices for bulk quantities are competitive: fair business: B.P. powder, from 1s. 3d. to 1s. 4d.; free-running crystals, from 1s. 6d. to 1s. 8d. per lb., carriage paid, for bulk lots. Dealers quoting free-running crystals, two cwt., 1s. 6d.; one cwt., 1s. 6½d.; 14 lb., 1s. 10d.; smaller parcels, up to 2s. per lb., carriage paid.

IODIDES.—Makers' scales of prices are maintained: Potassium Iodide B.P.—1 cwt., 5s.; 28 lb., 5s. 2d.; 14 lb., 5s. 4d.; 7 lb., 5s. 8d.; 4 lb., 6s. 2d.; smaller quantities, 6s. 8d. per lb. Sodium Iodide B.P.—28 lb., 6s.; 14 lb., 6s. 2d.; 7 lb., 6s. 7d.; 4 lb., 7s. 4d.; smaller quantities, 7s. 10d. per lb. Iodine Resub. B.P.—one cwt., 6s. 1d.; 28 lb., 6s. 3d.; 14 lb., 6s. 5d.; 7 lb., 6s. 10d.; 4 lb., 7s. 4d.; smaller quantities, 8s. 4d. per lb. Iodoform B.P.—28 lb., 8s. 8d.; 14 lb., 8s. 10d.; 7 lb.,

9s. 5d.; 4 lb., 10s. 2d.; smaller quantities, 11s. 2d. per lb. ; net cash fourteen days. One cwt. may be assorted at respective minimum prices ; 28 lb. may be assorted at respective 28 lb. prices. Jars extra, returnable: 28-lb. tins free. Cases free for 1-cwt. lots. Carriage paid on any quantity. Contracts may be booked, with a reduction clause, for 1 cwt. and upwards for delivery over four months. Wholesale distributors' prices for smaller quantities would be dearer.

IRON QUININE CITRATE.—Makers' prices are as follows: not less than 100 oz., 10½d., in 100-oz. tins ; 10¾d., in 25-oz. tins ; 11d., in 16-oz. bottles ; 11¼d., in 4-oz. and 8-oz. bottles ; 1s. 0½d., in 1-oz. bottles ; less than 100-oz. lots, from 11d. to 1s. 4d. per oz., according to packing and quantity.

LACTIC ACID (B.P.).—Average business, market steady: quantities, in carboys, 1s. 4½d. to 1s. 5d.; in winchesters and bottles, 1s. 6d. to 1s. 10d. per lb., as to quantity.

MERCURIALS.—Prices for the salts quoted by makers continue quite steady: Chloride, B.P., not less than one cwt., 4s. 11d.; less than one cwt., from 5s. per lb. upwards, as to quantity.

METHYL SALICYLATE.—Business remains slow: spot, ten cwt., 1s. 2¾d.; five cwt. 1s. 3d.; one cwt., 1s. 3¼d.; less than one cwt., 1s. 3½d.; smaller quantities, in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Very little inquiry, quotations unsteady: two cwt., 19s. 3¾d.; one cwt., 19s. 9¼d.; 56 lb., 20s. 2¾d.; smaller parcels, up to 20s. 8d. per lb.

PARALDEHYDE.—Moderate business, with prices about steady: 1 w-quart, 1s. 9d.; 6 w-quarts, 1s. 7½d.; 12 w-quarts, 1s. 5½d.; 36 w-quarts, 1s. 4½d. per lb., carriage paid on minimum 6 w-quarts, one demijohn, 1s. 2d. per lb., carriage paid.

PHENACETIN.—Moderate business at steady prices: crystals or powder, bulk quantities, 2s. 6d. to 2s. 7d.; smaller parcels, 2s. 7½d. to 3s. per lb., as to quantity.

PHENAZONE.—Still a very keen market with nothing much doing: crystals, 5 cwt., 8s. 9¾d.; two cwt., 9s. 0½d.; and less, 9s. 3d. per lb., with powder 2½d. per lb. extra.

QUININE SALTS.—Convention scales of prices continue steady: business about normal: sulphate, 2s. 1d.; bisulphate, 2s. 1d.; ethylcarbonate, 2s. 8¾d.; salicylate, 2s. 9½d.; hydrochlor., 2s. 7½d.; bihydrochloride, 2s. 10¾d.; hydrobromide, 2s. 7½d.; bihydrobromide, 2s. 10¾d.; valerianate, 3s. 7d.; hypophosphite, 3s. 10¾d.; alkaloid, 2s. 11d. per oz., carriage paid on bulk quantities, 100-oz. tins free ; smaller packing extra.

RESORCIN.—Market is steady, limited demand: British crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., up to 6s. per lb.

SACCHARIN.—The Convention price for 550 is 37s. 6d. per lb., duty paid, with rebates for quantities.

SALICYLIC ACID (B.P.).—Business remains quiet: five cwt., 1s. 7d.; one cwt., 1s. 7½d.; 28 lb., 1s. 8d.; 14 lb., 1s. 9d.; 7 lb., 1s. 10d.; 4 lb., 2s. per lb.

SALOL.—A sharp reduction in prices is recorded, as follows:—two cwt., 3s.; one cwt., 3s. 0½d.; 56 lb., 3s. 1¼d.; smaller parcels, from 3s. 2d. to 3s. 6d. per lb. Powder, 2¾d. extra.

SANTONIN.—Dealers' quotations for outside parcels holding at about £23 to £26 per kilo. No change in first-hand prices: not less than 50 kilos., £35 12s. 6d.; not less than 25 kilos., £36 1s.; not less than 10 kilos., £36 9s.; not less than 3 kilos., £36 17s.; not less than 1 kilo., £38 13s. 6d.; less than 1 kilo., £39 13s. 6d. Special prices are in operation for export to all markets.

SODIUM BENZOATE (B.P.).—Fair business, market competitive for bulk quantities at about 1s. 6d.; one cwt., 1s. 7d.; smaller parcels, 1s. 8d. to 1s. 10½d. per lb., as to quantity.

SODIUM DIETHYLBARBITURATE.—Very quiet: spot, one cwt., 14s. 9d.; 28 lb., 15s.; 14 lb., 15s. 3d.; 7 lb., 15s. 6d.; smaller parcels up to 16s. per lb.

SODIUM SALICYLATE (B.P.).—Remains very slow, quoted unchanged: home trade, crystals or powder, five cwt., 1s. 8½d.; one cwt., 1s. 9d.; 28 lb., 2s.; 14 lb., 2s. 2d.; 7 lb., 2s. 3d.; 1 lb., 2s. 6d. per lb.

SULPHONAL.—Remains dull and irregular on quotation: crystals or powder, two cwt., 15s. 5¼d.; one cwt., 15s. 10¾d.; 56 lb., 16s. 1d.; smaller parcels, up to 16s. 9d. per lb.

TARTARIC ACID (B.P. CRYSTALS).—Inquiry on a good scale, quoted unchanged: British makers quote at 1s. per lb., less 5 per cent. discount. Dealers offering foreign materials at competitive prices.

THEOBROMINE.—Continental material: pure, two cwt., 7s. 10d.; one cwt., 8s.; 56 lb., 8s. 2d.; smaller quantities, 8s. 4d. per lb. Sodium salicylate, two cwt., 6s. 3¼d.; one cwt., 6s. 4½d.; 56 lb., 6s. 5¼d.; smaller quantities, 6s. 6¼d. per lb., delivered, 5-lb. tins free, smaller packages extra.

THYMOL.—A rather dull market: fine white, two cwt., 5s. 10d.; one cwt., 6s.; 56 lb., 6s. 4d.; 28 lb., 6s. 9d.; smaller parcels, 7s. 6d. per lb.; ex ajowan seed, one cwt., 8s. 7d.; 56 lb., 8s. 10d.; 28 lb., 9s. 4d.; 14 lb., 10s. per lb.

VANILLIN.—Convention scale of prices is quite steady: ex clove oil or guaiacol, five cwt., 12s. 9d.; one cwt., 13s.; 56 lb., 13s. 3d.; less, 13s. 9d. per lb.

Crude Drugs, etc.

A report of the drug auction is given on p. 636.

AGAR.—A further advance is reported from the source, and shipment prices are now above spot parity. Business, however, has been of small account: spot, Kobe No. 1, 2s. 6d.; No. 2, 2s. 4½d.; Yokohama No. 1, 2s. 4d. per lb.; shipment, Kobe No. 1, 2s. 4d.; No. 2, 2s. 1½d.; Yokohama No. 1, 2s. 1d. per lb., c.i.f.

ALOES.—The limited quantity of Cape in boxes on spot are held for about 60s. per cwt. Nothing offered forward.

ANTIMONY.—Chinese crude is quoted at £27, c.i.f. English regulus, £66 10s. to £67 10s., spot.

BUCHU.—A survey of the spot market indicates that stocks are probably between 20 and 30 bales at the most, and privately holders are firm at 1s. 11d. to 2s. per lb. for rounds and one quarter is holding off. No offers from the source.

CASCARA SAGRADA.—Further news from the source continues to indicate for the reasons given in our last report that new crop peel will be substantially dearer. No firm offers are being made, but prices suggested have ranged from 44s. right up to 48s. per cwt., c.i.f.

CLOVES.—Values are keeping steady, business rather quiet: Zanzibar, spot, 7¼d.; shipment, June-July, 7⅛d. per lb., c.i.f.; Madagascar, in bond, 6½d.; shipment, June-July, 6⅜d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended May 23 were *nil* and the deliveries 18, leaving a stock of 1,826. From January 1 to date the landings of Zanzibar have been 2,046 and the deliveries 1,295. Landings of Madagascar for the week ended May 23 were *nil* and the deliveries 4, leaving a stock of 1,767. From January 1 to date landings of Madagascar have been 1,466 and the delivenes 1,261 packages.

COCONUT (DESICCATED).—Following some decline, values have fully recovered, closing firm: spot, fine, 24s.; medium, 23s. 3d. per cwt.; shipment, halves, May, 22s.; June, 21s. per cwt., c.i.f.

COD-LIVER OIL.—The shipment market remains quiet. Finmarken fishing is drawing to a close. Finest Lofoten steam refined medicinal oil, 86s. per barrel, c.i.f., London ; spot, in small lots, about 127s. 6d. per barrel, ex store, duty paid. Newfoundland, non-freezing medicinal oil, about 130s. per barrel, ex store. British non-freezing medicinal oil quoted at 100s. per barrel, London, duty free, while quotations from another home source are at higher figures.

COLCHICUM.—Dealers are quoting small parcels on spot at about 40s. per cwt. Business quiet.

DANDELION ROOT.—Some small spot parcels of foreign root are offering up to 82s. 6d. per cwt.

ERGOT.—Orders sent out against offers from Hamburg of Russian at 3s. 3d., c.i.f., were not accepted, and after negotiations the best price quoted was 4s. 1½d., c.i.f. Recent quotations for Polish from the source have been withdrawn and advice sent nothing now available. On the spot some Russian slightly wormy is quoted up to 4s. per lb.

GENTIAN.—This market is fully steady, with spot parcels of French root at 40s. per cwt. Quite a nice business reported.

GINGER.—West African has been rather quiet this week: West African, spot, 61s. 6d.; shipment, for arrival, 57s. per cwt., c.i.f. Jamaican, spot, bold, in barrels, 96s. to 100s.; small grinding, 70s. per cwt., in bags, ex store.

GUM ACACIA.—Market remains rather dull: spot, Kordofan cleaned sorts, 40s.; bleached, No. 1, 110s.; extra, 120s. per cwt.; shipment, Kordofan cleaned sorts, 36s. 6d. per cwt., c.i.f.

HYDRASTIS.—This market is steady and shipment is slightly firmer: spot, 9s. 6d.; shipment, 9s. 4½d. per lb., c.i.f.

LOBELIA HERB.—There is a spot seller at 7d. per lb. To arrive is quoted at 6½d. per lb. Very little business moving.

LYCOPODIUM.—The very limited spot supplies are firmly held for about 5s. per lb. No firm shipment offers.

MENTHOL.—This market has been dull again: K/S brands, spot, about 13s. 4½d.; in bond, about 12s.; Japanese shippers quoting May-June at 11s. 7½d., with re-sellers quoting 11s. 6d. per lb., c.i.f.

MERCURY.—The Spanish-Italian group report their shipment price steady and business well up to average. Quoted at 62 dollars per bottle, f.o.b. Continent: spot, in small lots, £12 7s. to £12 7s. 6d. per bottle, ex store.

PEPPER.—Market has been dull and is rather easy as quoted. Lampong, in bond, 2½d.; shipment, August-October, 2 3/16d., c.i.f. Tellicherry, spot, 4⅞d.; shipment, May-June, 37s. 6d., c.i.f. Aleppy, spot, 4¾d.; shipment, May-June, 36s., c.i.f. White Muntok, in bond, 4¾d.; shipment, August-October, 4⅜d., c.i.f.

PIMENTO.—Values are maintained on a quiet market. Spot, 7½d. per lb.; shipment, June-July, 62s. 6d., c.i.f.

RUBBER.—Values are level on the week, moderate business, closing steady. Standard ribbed smoked sheet, spot, 7¼d.; June, 7¼d.; July, 7 5/16d.; July-September, 7 5/16d.; October-December, 7 7/16d.; January-March, 7½d. per lb.

SEEDS.—ANISE.—Spot, duty paid, Spanish, 56s.; Bulgarian, 29s. 6d. CANARY.—Mazagan quoted at 34s. 6d., duty paid. CARAWAY.—Morocco, 30s.; Dutch, 38s. 6d., both duty paid. CORIANDER.—

Morocco, spot, 22s. 6d., duty paid, and 20s. in bond. New crop for July-August shipment offered at 12s., c.i.f. CUMIN.—Malta, 45s. 6d., spot; Morocco, 46s., duty paid. FENUGREEK.—Morocco, spot, 14s., duty paid. New crop for shipment, 11s., c.i.f. MUSTARD.—English, 20s. to 31s. per cwt., according to quality.

SENEGA.—Sustained spot business, with prices steady. Spot, 1s. 5d.; shipment, 1s. 4½d. per lb., c.i.f. New crop not yet quoted, but reports indicate they will be well up to current figures.

SHELLAC.—Values show a slight recovery, market steady: spot, standard TN orange, 53s. 6d. to 58s. 6d.; fine orange, 67s. 6d. to 140s.; pure button, 65s. to 70s. per cwt., spot. For delivery, TN, August, 53s. 6d.; October, 54s. 6d. For arrival, TN, June-July, 50s., c.i.f.

SLIPPERY ELM BARK.—Supplies of grinding grade on spot quoted at 7½d. per lb. The five-pound wired bundles are at 1s. 2d. per lb.

TRAGACANTH.—A very fair inquiry continues here, particularly for the white grades, and prices tend to harden owing to shortage of supplies. Shippers are increasing their limits for all grades on account of the difficulties being experienced in shipping under the new restrictions. Lower grades have also been receiving a good inquiry.

WAX.—BEES'.—Shipment prices are slightly steadier, market on the quiet side. Calcutta, bleached, spot, 135s.; afloat, 130s.; shipment, 122s. 6d., c.i.f. Abyssinian spot, 120s.; in bond, 108s.; shipment, 106s., c.i.f. Benguella, spot, 120s.; shipment, 106s., c.i.f. Conakry, spot, nominal; shipment, 105s. per cwt., c.i.f. Dar-es-Salaam, spot, 120s.; shipment, 117s. per cwt., c.i.f. CARNAUBA.—Business has been only moderate. Fatty grey, spot, 160s.; afloat, 155s.; shipment, June-July, 152s. 6d., c.i.f. Chalky grey, spot, 160s.; shipment, June-July, 152s. 6d., c.i.f. Primeira, spot, good quality, 215s.; afloat, 205s.; shipment, May-June, 197s., c.i.f. Mediana, spot, 215s.; shipment, 195s. per cwt., c.i.f.

Essential Oils, etc.

RATHER more activity this week, with the business spread over a number of lines. Bergamot has been dull. Cananga is easier. Cassia is still neglected. African cedarwood is quoted cheaper. Eucalyptus tends dearer on spot. French Guinea orange is fully steady at recent advances.

ANISE (STAR).—Business has been dull on spot; shipment offers are unchanged and attracting little attention: spot, leads, 2s. 6d.; tins, 2s. 4½d.; drums, nominal per lb., ex store; shipment, drums, 1s. per lb., c.i.f.

BAY.—Dealers doing occasional small spot business: 49 to 50 per cent., 4s. 7d. to 4s. 9d.; 59 to 60 per cent., 4s. 10d. to 5s. per lb., as to quantity.

BERGAMOT.—The demand on spot continues chiefly restricted to small quantities, with holders' prices keeping within the limits of 8s. 6d. to 9s. 6d. per lb., as to brand and quantity. No further news regarding the Consortium but shippers seem to be in a position to quote quite freely and independently.

BOIS DE ROSE.—Spot quotations for the Brazilian oil are at about 4s. to 5s. 3d.; shipment, unchanged at 4s. 10d. per lb., c.i.f. Market quiet.

CAJUPUT.—A limited amount of small spot business only: B.P., 2s. 9d. to 2s. 1d. per lb., as to quantity.

CANANGA.—This market is irregular, with values on a lower level: spot, about 8s. 6d. to 8s. 9d. for a quantity; shipment, about 7s. 6d. per lb., c.i.f.

CARAWAY.—Inquiry of small importance: Dutch, rectified, 9s. to 9s. 1½d.; crude, 8s. 8d. to 8s. 9d. per lb., landed and duty paid.

CASSIA.—There are spot sellers in the region of 3s. 2½d. to 3s. 3d. per lb.; shipment is slack and now quoted at about 2s. 7d. per lb., c.i.f.

CEDARWOOD.—The African oil is quoted cheaper on spot, with quantities in drums at about 1s. per lb.; smaller packings, up to 1s. 4d. American oil, spot, drums, 1s. 1½d.; smaller packings up to 1s. 4½d. per lb.

CEDARLEAF.—There seems to be a shortage of oil on spot: the value for a small parcel would be as much as 5s. 6d. to 6s. per lb.

CINNAMON LEAF.—The Ceylon oil is steady for shipment at about 1s. 10d., c.i.f.: spot prices are quoted at about 2s. 11d. for drums and up to 3s. 1½d. for small lots.

CITRONELLA.—Market has been dull in both Ceylon and Java oil: Ceylon, spot, drums, 1s. to 1s. 1d.; smaller parcels, up to 1s. 4d.; shipment, drums, 8½d. per lb., c.i.f. Java, spot, drums, 1s. 2¾d. to 1s. 3d.; smaller parcels, 1s. 4d. to 1s. 7d.; shipment, drums, 1s. per lb., c.i.f.

CLOVE.—The spot value of Madagascar oil is better and more in line with the shipment figure, supplies here are limited: Madagascar, spot, drums, 3s. 3d. to 3s. 4½d.; smaller packings, up to 3s. 7½d. per lb.; shipment, about 2s. 7d. per lb., c.i.f.

EUCALYPTUS.—This market continues very strong and spot values are moving up: Australian, 70 to 75 per cent., 1s. 2d. to 1s. 2¾d.; 80 to 85 per cent., 1s. 3d. to 1s. 3½d. per lb., landed; higher prices for small lots on spot. Spanish, 70 to 75 per cent., 1s. 3d. to 1s. 4d. per lb., ex store.

GERANIUM.—Not much inquiry. Bourbon for shipment reported fully steady but quiet: Bourbon, spot, 21s. to 21s. 6d.; shipment, 19s. 9d., c.i.f. Algerian, spot, 21s. to 22s.; shipment, 20s. per lb., c.i.f.

GINGERGRASS.—Spot prices are steadier at about 5s. to 5s. 1d., as to quantity; shipment, about 4s. 6d. per lb., c.i.f.

GRAPE FRUIT.—A small inquiry, with dealers quoting Empire hand-pressed oil at about 16s. per lb. for small parcels.

HO (SHIU).—Cheap offers for bulk quantities continue. Average spot quotations range from 1s. 6½d. to 2s. 1½d. per lb., as to quality and quantity.

JUNIPER BERRY.—Business has again been quiet: spot quoted from 2s. 10d. to 3s. per lb., as to quality and quantity.

LAVENDER.—Market continues neglected and very irregular on quotation: 50 to 52 per cent., 29s. 6d.; 48 to 50 per cent., 27s.; 40 to 42 per cent., 22s.; 38 to 40 per cent., about 20s.; 36 to 38 per cent., 18s. per lb., landed, for good brands. Lavandin is quoted 11s. to 12s. 6d. per lb.

LEMON.—The demand for Sicilian hand-pressed oil on spot continues to be restricted to modest quantities for immediate requirements: spot holders' ideas of values range from 8s. 3d. up to 9s. 6d. as to brand, quantity and seller. Some dealers have cleared the remainder of their small stocks. Exporters' offers for shipment are being received from the source, but under prevailing conditions no business has been done. Californian is steady and meets with a modest sale. Cold pressed, 4s. 2d.; distilled, regular quality, small drums, 3s. 4d.; large drums, 3s. 3½d. per lb., with supplies available small.

LEMONGRASS.—During the week about the lowest price recorded for some long time was reached at slightly less than 1s. 6d., c.i.f. Since then the shipment market has been steadier at not less than that figure: spot, about 2s. per lb.

LIME.—A seasonal demand for small spot parcels, with West Indian distilled quoted at about 24s. per lb.

MANDARIN.—One source holding a modest quantity of this oil is quoting at 32s. per lb.

NEROLI.—Dealers continue to offer spot supplies at about 14s. to 18s. 6d. per oz., as to quality and quantity.

ORANGE.—The Sicilian sweet oil remains nominal on spot. Fair demand on spot for French Guinea oil, with drums at 3s. 1½d. to 3s. 3d., as to holder; the shipment market is firm and it is not easy to obtain firm offers with the price not less than 2s. 10½d. per lb., c.i.f. Californian oil is steady: spot, one case, 3s. 4½d.; two or more cases, 3s. 2d.; small drums, 3s. 1d. per lb.

PALMAROSA.—The shipment quotations are irregular and range from 5s. 6d. to 5s. 10½d., c.i.f. There are spot holders quoting about 6s. upwards.

PATCHOULI.—The Singapore oil is steadier on spot, with the minimum figures at 16s. and 16s. 4½d. per lb. Very little offering forward, with one quotation at 17s. 6d., c.i.f. Seychelles oil nominal, spot and forward.

PEPPERMINT.—A steady business continues on spot, with prices about 5s. 11d. to 6s., as to brand. Japanese shippers are quoting May-June at 5s. 10½d. to 6s., c.i.f. Limited speculative business in October-December, with up to 4s. 10d., c.i.f., paid. It is also reported that business has been done in the January-March, 1937, position, with 4s. 6d. per lb., c.i.f., paid. The American natural oil continues steady at the source, but business on this market remains slow; quoted for shipment at about 2 dollars 5 cents for 50 per cent. menthol content and about 1 dollar 90/95 cents per lb., c.i.f., for about 46 per cent. menthol.

PETITGRAIN.—Occasional small spot demand, market steady: spot, 3s. 10d. to 4s. per lb., as to quantity; shipment, slightly cheaper at 3s. 4½d., c.i.f.

ROSEMARY.—Moderate inquiry on spot, with good quality Spanish oil steady at about 2s. 3d. per lb. Some oils are offered at much cheaper prices.

SANDALWOOD.—Genuine East Indian Mysore, 19s. per lb., in one-case lots on spot; practically no second-hand offerings. English-made East Indian, 22s. 6d. to 25s. per lb., as to quantity. English-made West Indian, cwt. lots, 6s. 9d.; 56 lb., 6s. 10½d.; 14 lb., 7s. per lb. Australian oil continues steady at the recent reduction: 5 cases, 14s. 6d.; one case, 14s. 9d.; 7-lb. tins, 15s. 3d. per lb.

SASSAFRAS.—Dealers are quoting natural oil at about 3s. 7d. to 3s. 9d. per lb., as to quantity, and artificial oils well below these figures.

SPIKE.—Quotations continue over a wide margin, but good quality genuine Spanish oil is steady at about 3s. 9d. to 4s. per lb.

VETIVERT.—Spot holders of small lots of Bourbon are asking about 37s. 6d. to 38s. per lb.

WORMSEED.—Small business on spot, with U.S.P. quality oil about 9s.; shipment, about 8s. 7½d. per lb., c.i.f.

London Drug Auction

Commercial Sale Rooms,
Mincing Lane, E.C.3.
May 28, 1936.

At the drug auction held to-day, eight catalogues were submitted. The offerings covered the usual range of commodities, although the quantities available were somewhat smaller than usual. The demand generally was moderate, although a number of lots had been disposed of prior to the auction. There was no particular feature except the continued advance in the value of Buchu on account of the paucity of new arrivals. There was also a further advance in Cardamom seeds. Aloes continue very firm, especially Cape, for which higher prices have been paid. Benzoin, Sumatra, was cheaper, with only a small demand. Dragons blood was steady but neglected. Balsam Tolu was firmer and higher prices were wanted on account of the dearer quotations for shipment from origin. Senna was slow without any material alteration in quotations. Rhubarb continues fully steady and stocks are well below normal. Ipecacuanha is very steady, although no Matto Grosso was catalogued. The moderate offerings of Honey were firmly held at ruling prices. Only one small lot of Portuguese Ergot catalogued, market firm.

Aloes.—Fifty-eight cases Curaçao were offered, and retired at 100s. per cwt. for coarse to fair dark liver. Cape, none offered, but privately only a small supply is available up to 62s. 6d. per cwt. for boxes. For some time no shipment quotations have been received from origin.

Annatto seed.—Continues steady. Jamaica, fair bright seed was limited at 4½d. and middling at 4d. Madras, a parcel of thirty bags of fair colour had been disposed of prior to the auction.

Areca nuts.—Ten bags fair Ceylon were withdrawn at 19s. per cwt.

Asafœtida.—A parcel of eight cases sticky blocked tear was retired at 90s. per cwt.

Balsams.—*Tolu* was dearer, the total offerings being four cases fair hard which were limited at 1s. 9d. per lb. *Copaiba*: five cases were withdrawn.

Barbasco root.—Seventy-eight bales testing 6.3 per cent. rotenone by Salamon and Seaber's analysis were offered at 1s. 4d. per lb. Two bales untested were retired at 1s. per lb.

Benzoin.—Sumatra: A few lots sold at rather easier rates, middling small almonds realising 85s. per cwt.; fair almondy retired at £5 5s. up to £6 7s. 6d. per cwt. for good. Siam: In small supply, stocks being further reduced, prices remain very firm. Four cases were bought in. Bean and pea size at £22; small peas at £20; blocky seed at £17 per cwt. Four cases good Saignon retired at from £15 up to £26 per cwt.

Buchu.—The total offerings consisted of eight bales of rounds and three bales of ovals. For the rounds 1s. 11d. to 2s. was asked and the ovals were withdrawn without any price indicated. The firmness in this market is due to the absence of any offers for direct shipment and small spot stocks.

Cardamoms.—A parcel of two cases of very fair Indian seed was sold at 4s. 3d. per lb. This market is exceedingly firm, with supplies very short, especially of the lower grades.

Cascara sagrada.—Seventy-five bags of 1933 import was withdrawn at 55s. per cwt. duty paid. This market is firm.

Cascarilla bark.—Twenty-three packages were offered, consisting chiefly of stringy quill, which retired at 1s. 6d. to 1s. 8d. per lb. A lot of three bales was reported as sold prior to the auction.

Chiretta herb.—Two parcels of fair quality retired at 6d. per lb.

Colocynth.—Twenty-six bales of fairly pale pulp were retired at 1s. 7d. per lb., "in bond."

Cuttle-fish.—A fair quantity was on offer, but nothing sold "under the hammer." For fair East Indian bone from 6½d. to 10½d. per lb. was asked.

Derris root.—Ten bales testing 22.4 per cent. ether extract retired at 1s. 5d.; five kegs of powder testing 17.5 per cent. ether extract and 5 per cent. rotenone were offered at 1s. 9d. per lb.

Dragons blood.—Was in ample supply. Fair to good reboiled, £23 to £24; medium ditto, £21 to £22. Prices generally are steady, but the demand is slow at the moment.

Ergot.—A small lot of Portuguese was held for 6s. 7½d. per lb. No Russian catalogued, privately market is firm.

Gamboge.—Continues steady. For fair Siam pipe £13 10s. per cwt., duty paid, was wanted. Privately a fair business is passing.

Gum acacia.—No Kordofan sorts were on offer. A lot of ten bales of bleached medium quality retired at 120s. per cwt. The shipment market for Kordofan sorts remains steady and up to 36s. is wanted for May-June shipment, c.i.f. terms.

Gum guaiacum.—This article is in full supply, with a quiet demand. For fair to good glassy sorts 1s. 7d. to 1s. 8d. was asked. A parcel of good bright refined was held for 1s. 9d. per lb.

Honey.—Very moderate supplies were firmly held for prices ruling privately. Jamaica, 307 barrels, retired at 32s. to 42s. for liquid dark to pale set. Haiti, fifty-eight barrels held for 23s. to 25s., "in bond," being set amber to palish. Mexican, twenty cases yellow set retired at 28s. per cwt., "in bond." A very steady business is reported privately.

Ipecacuanha.—Three bales of Carthagena were taken out at 3s. 10d. per lb. No other descriptions were catalogued.

Myrrh.—There was very little offering. Fair Aden sorts were available at £6 10s. per cwt., duty paid. Dark sorts were offered at £5, "in bond"; siftings, at 35s. per cwt., "in bond."

Orange peel.—Limited supplies were offered and three cases of fair to middling thin cut Tripoli, were sold at 1s. per lb., duty paid.

Rhubarb.—Continues very steady and was again in small supply. Shensi: only a few cases were offered, prices ranging from 4s. 6d. to 4s. 9d. per lb. High dried, round horny, was limited at 1s. 5½d. to 1s. 7d., one lot selling subject at 1s. 6d. Horny coated, flat, retired at 1s. 8d. and 1s. 9d. Canton, nothing available, the market still being bare of supplies.

Rose leaves.—Several parcels are for disposal. For Morocco and East Indian, good bright, 4d. per lb. is wanted.

Sarsaparilla.—This article continues rather quiet. In auction everything was withdrawn; native Jamaica, 11½d. to 1s.; grey Jamaica, 1s. 4d.; Honduras, 1s. 8d. to 1s. 10d. per lb.

Senna.—The market is quite steady but little of interest was available at auctions. A very nice parcel of good selected Alexandrian hand-picked pods was bought in at 4s. 9d. per lb. Privately the Tinnevelly market is fully steady with moderate trade passing.

Strophanthus seed.—A parcel of fair 100 per cent. Kombè was retired at 3s. 4½d. to 3s. 6d. per lb.

Tonka beans.—A parcel of good frosted Angostura beans was held for 8s. to 8s. 6d. per lb.

Waxes.—There were three parcels on offer. Dar-es-Salaam was retired at 117s. 6d., East African at 117s. 6d. and Mozambique at 105s. per cwt., the last-named being "in bond."

The next drug auction will be held on Thursday, July 23, 1936.

London Drug Stocks

London stocks at April 30, 1936, and April 30, 1935:—

Article	Quantity	Apl. 30, 1936	Apl. 30, 1935
Aloes	cwt.	218	87
Cascara Sagrada	tons	55	167
Bees' Wax	packages	2,950	1,142
Japanese Vegetable Wax	cases	337	214
Camphor	packages	409	475
Cardamoms	cwt.	148	409
Dragon's Blood	cases	191	98
Galls, China and Japan	cases	638	458
Gum Acacia	packages	12,668	5,465
Asafœtida	cwt.	380	248
Benzoin	cwt.	929	620
Olibanum	packages	272	326
Tragacanth	packages	6,078	5,860
Ipecacuanha	cwt.	240	107
Nux Vomica	cwt.	128	634
Rhubarb	cwt.	204	379
Senna	bales	4,057	5,092
Shellac	cases	134,045	286,670
Turmeric, Bengal	tons	74	9
Turmeric, Madras, Cochin, etc.	tons	110	15
Sandrac	packages	194	90
Mastic	packages	10	4
Guaiacum	cwt.	137	171
Ammoniacum	packages	26	15

Sudan Gum Acacia Exports

OXALL & Co. report shipments for March were 2,488 tons, compared with 1,667 tons in March, 1935. Shipments during January-March, 1936, totalled 6,690 tons, compared with 5,074 tons in the corresponding period of 1935. Chief destinations were as follows:—

Destination	1935			1936		
	Jan.-Feb.	March	Total	Jan.-Feb.	March	Total
Great Britain ...	443	429	872	932	610	1,542
U.S.A.	614	341	955	764	238	1,002
France	330	89	419	820	646	1,466
Germany ...	343	109	452	506	253	759
Italy	354	73	427	—	4	4
Belgium ...	291	104	395	295	80	375
Japan	434	197	631	236	153	389
Holland ...	93	77	170	149	110	259
China	74	19	93	33	34	67
Sweden	46	53	99	85	41	126
Australia ...	145	69	214	49	94	143
Russia	44	8	52	53	46	99
Canada	15	12	27	18	30	48
Denmark ...	14	3	17	35	25	60
Poland	18	27	45	13	11	24
Rumania ...	—	—	—	12	10	22
Turkey	2	2	4	12	11	23
Greece	16	4	20	23	6	29
Egypt	35	—	35	17	14	31
Argentine ...	25	26	51	24	5	29
Brazil	6	—	6	30	9	39
Other Countries	19	1	20	38	23	61

Japanese Menthol and Peppermint Oil Exports

EXPORTS of menthol crystals during the second half of 1935 amounted to 324,354 lb. valued at Y2,564,629, as compared with 177,224 lb. for the same period of 1934 and 469,840 lb. in the last six months of 1933. Comparative figures by countries for the last six months of 1933, 1934 and 1935 were:—

Country	Second Half 1935	Second Half 1934	Second Half 1933
	lb.	lb.	lb.
United States ...	147,341	107,212	201,518
France	70,060	31,769	150,434
British India ...	56,310	10,457	37,971
Straits Settlements	9,727	2,649	11,512
Great Britain ...	4,897	9,000	4,102
Germany	4,767	2,382	25,535
Canada	3,258	3,024	3,705
Other	27,994	10,731	35,063
Total	324,354	177,224	469,840

Actual output of crude peppermint oil during the year was reported to be 1,507,935 lb., as compared with an estimate made early in the year of 1,800,000 lb. The carry-over on December 31, 1935, was estimated to be 661,375 lb. The 1934 crop totalled 1,118,000 lb., it will be recalled. Exports of peppermint oil by countries follow:—

Country	Second Half 1935	Second Half 1934	Second Half 1933
	lb.	lb.	lb.
Great Britain ...	91,006	50,835	134,038
France	155,687	70,541	134,694
Germany	112,037	83,109	95,926
Straits Settlements	10,185	2,781	13,497
British India ...	13,359	4,103	12,305
Australia	1,323	4,631	2,779
French Indochina	926	926	1,588
Other	14,815	16,410	41,943
Total	399,338	233,336	436,770

Chloral Hydrate: A Study

A RECENT ISSUE of "The Lancet" (5878, 938) contains a monograph, with the title "The Effect of Chloral Hydrate on the Heart," by Dr. S. Alstead. As the title indicates, the author has investigated the action of chloral hydrate on the heart, with a view to deciding whether any ill effects in this respect can be directly attributed to its use. Observations were made on fifty-five patients, six of whom were children. In thirty-three cases (60 per cent.) there was clinical evidence of heart disease. Of the remaining twenty-two, though the heart was apparently normal, marked emphysema was found in seven patients, and two others of this group were suffering from acute rheumatism and exophthalmic goitre.

It was not found necessary to exceed the official dose to produce an hypnotic effect. In order thoroughly to test the possible toxic action of such quantities without prolonging the investigation unduly for the patient, two doses of gr. 10 each were given during the day and one of gr. 20 at night. This was continued for seven to ten days in most cases, about gr. 350 of chloral hydrate being given during this time. The well-known potency of this hypnotic was very evident. Sleep was induced within half an hour and lasted until the patients were wakened some seven or eight hours later. One man (a sailor) described the effect in characteristic fashion when he said that after his evening dose he was soon "dead to the world" and he knew nothing more until breakfast-time the following morning. After his meal he received a further gr. 10 of chloral hydrate and, he declared, this sent him off again.

Discussion of Results

In his discussion of the results obtained (which are illustrated by tables) the author confirms the belief that chloral hydrate in ordinary doses is a remarkably effective hypnotic almost entirely free from the disadvantages of tolerance and habit formation. On the whole, he states, it seems that the drug is best avoided in the presence of gastro-intestinal irritation, but this drawback can be practically eliminated by diluting sufficiently with water. Smarting of the eyelids and lacrymation were troublesome in about 5 per cent. of the patients under observation. This occurred only after several days during which the dosage had been frequent and substantial. Under ordinary clinical conditions, when a single dose is given every night for a week or two, it is reasonable to assume that these ocular complications would be less likely to develop.

Physical examination of the heart yielded no unequivocal evidence of weakening of the cardiac action by chloral hydrate. Only three patients appear to admit of some discussion on this point. From the clinical data it appears that though some slight abnormality is mentioned the results of further investigation of the cardiovascular system were inconsistent with cardiac damage. On the other hand, clinical evidence of improvement in the action of the heart (attributable to rest in bed, etc.) was seen in two cases. No significant changes occurred in the heart-rate.

About half of the patients showed some fall in blood pressure. In the great majority of these the decrease did not exceed 15 mm., and as there was no alteration in the condition of the heart the change in blood pressure was regarded as being consistent with prolonged periods of sleep and almost continuous drowsiness. Nearly a quarter of the patients were found to have an increased blood pressure after taking chloral hydrate. It is difficult to say what may be the exact significance of these findings, but they discount to some extent (though not entirely) the results which show the opposite effect on the blood pressure.

EXAMINATION "HOWLERS."—In the recent issue of "The Caledonian Medical Journal," Dr. N. Douglas Mackay gives the following examples (largely quoted from "The Nursing Mirror") of nurses' examination slips:—"After the patient has seen the doctor, treat her for shock." "Use a camel's hairbrush to remove a foreign body from the eye." "Respiration is the rise and fall of the bed-clothes." "The molars or wisdom teeth are the last to appear—usually about the seventieth year." Even better than these is the author's story of a headmistress who, on being shown the mercury end of a clinical thermometer, remarked that she "always put the other end" in her mouth.

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Council Election

SIR,—May I crave the hospitality of your columns to return my very sincere thanks to the electors for their renewed expression of confidence?—Yours, etc.,

THOS. GUTHRIE.

Glasgow, W.1.

SIR,—May I be permitted to offer my sincere thanks to the 4,101 members who recorded their votes in my favour? Incidentally, my total expenses throughout the campaign have been only £4 3s. 4d., thus fulfilling my prediction in the *C. & D.* (March 28, p. 390) that it is possible to secure election without spending above £5, provided that one has a loyal band of workers canvassing throughout the country.

Yours faithfully,

Newby, Scarborough. H. M. HIRST.

SIR,—May I, through the medium of your columns, thank all those members of the Pharmaceutical Society who registered their votes in my favour at the recent Council election? It will be my sincere endeavour, during my term of office, to justify the confidence which they have placed in me.

Yours faithfully,

W. S. HOWELLS.

Richmond, Surrey.

SIR,—Please allow me the courtesy of your columns to thank all those members who voted and worked for me. I am fully aware of the responsible task that awaits me, but am not deterred by its magnitude. If all those members who have written to me will show forbearance, I will in time answer each one personally.—Yours faithfully,

J. F. MCNEAL.

Little Chalfont.

SIR,—May I seek the courtesy of your columns to thank very sincerely all those electors who worked and voted for me? I trust that my reliance upon their co-operation in the future will not be misplaced.—Yours faithfully,

G. R. KNOX MAWER.

Wrexham.

A Confusion of Names

SIR,—I find that a large number of chemists are under the impression that the circular they received last week from the Proprietary Association of Great Britain, signed by Mr. J. A. Kenningham, was issued by the P.A.T.A. The Proprietary Association is the manufacturers' own private association, and has no connexion with the P.A.T.A. except through its secretary, Mr. Kenningham, who is also one of the secretaries of the P.A.T.A. It is unfortunate that the address of the Proprietary Association should add to this confusion, but chemists will be pleased to know that the document did not emanate from the P.A.T.A., and, further, that the P.A.T.A. has recently decided that it is not called upon to take any further action in the matter.—Yours faithfully,

G. A. MALLINSON, Secretary.

National Pharmaceutical Union, London, W.C.1.

Physiology and Pharmacy

SIR,—The inclusion of physiology for the first time in the July examinations of the Pharmaceutical Society is an event of no ordinary importance. If our leaders have any sense of tactics, they will follow it up with a movement towards greater co-ordination with the medical profession. The whole trend of our policy should be to draw nearer to the medical profession instead of retreating from it. I notice that several writers have recently suggested that the ideal should be to separate prescribing entirely from dispensing. Then, so it is thought, every one—by whom they mean, of course, all the doctors and chemists—would be perfectly satisfied. Neither party would really benefit one whit. But what about the public? Have they no claim to consideration? This divorce or judicial separation between dispensing and prescribing is an unnatural affair and of no advantage to the public. It merely adds one more to the almost innumerable obstacles at present confronting the sick person. Consider for a moment the case of a mother of three or four children living in a London suburb without any domestic help. She wanted to obtain some special treatment at a hospital for one of her children. She . . . journeyed several miles to the hospital, arriving at about two in the afternoon. She was told to wait, and she waited three hours in a draughty room, sitting on a wooden bench. When at last she saw the doctor, she said to him, "Oh, doctor, I have waited three hours and I do not think I can stay any longer." "I don't mind," he replied abruptly, "whether you stay or not." Later she obtained from this same doctor a more courteous response and thoroughly efficient treatment. I quote the anecdote, not to cast blame upon the surgeon at all (he was probably overworked), but merely to point out the lamentable want of business method in the arrangements for supplying the public with the medical service to which they are entitled. If medicine and pharmacy were properly co-ordinated a person who wished to consult a specialist or receive treatment at a hospital would simply go to his chemist and get him to make the necessary arrangements for her. . . . Every chemist should be an agent for the medical profession. He is already well qualified to act in that capacity. Only a ridiculous jealousy about prescribing and a still more absurd snobbery about the connexion with trade prevent the medical profession from taking full advantage of the really enormous facilities which pharmacy has to offer them for getting into touch with patients in a convenient and orderly fashion. In medical circles the complaint has often been made that patients delay a visit to the doctor until it is either too late to effect a complete cure or to avoid serious complications which might have yielded to earlier treatment. . . . The visit to the doctor means taking time off—a serious thing if he is an employed man; even if he is insured and has nothing further to pay, he may hesitate and put it off from day to day. The middle-class person is equally scared on the score of expense, the result being that there is a growing tendency to leave the doctor severely alone until illness becomes so acute that it can no longer be disregarded. All this could be altered and the whole arrangement for a truly national and really effective medical service vastly improved if the pharmacist were to be adopted as the natural and legitimate intermediary between the patient and the doctor. Many of your readers will doubtless agree. But what has this to do with the new syllabus and the inclusion of physiology? It brings us nearer. It is a point of contact, and it should be followed up by the following procedures:—(1) Instruction to students in first aid and the preliminary diagnosis of disease; (2) the organisation of medical practice—where to go for special treatment—hospitals and hospital rules—National Insurance—ethical relations with the medical profession. These and other kindred subjects should be included in the viva-voce examination. I foresee a condition of things in which there is a series of concentric rings; the outermost is the chemist with open shop and available all day to the inquiries of rich and poor; the next, the general practitioner; then the specialist, the hospital, the specialist hospital, and in the centre the Ministry of Health.

I am, etc.,

E. HERBERT MORRIS.

London, S.W.

Unused Drugs

SIR,—"Emeritus" (*C. & D.*, May 23, p. 610) raises a serious question when he asks what becomes of unused drugs which may be left in the hands of patients or their families. I am afraid that many doctors are like the one he describes. But I came across one doctor who was particularly careful about "dangerous" drugs; if the patient recovered, or died, or the medicine was changed, he made it his duty to see if there was any left over, and if so that it was destroyed. I have often thought that this might be made a regular rule. Some such procedure would obviate any possibility of drugs being left in a house to be discovered after a time with unfortunate results.—Yours, etc.,

DESTROIT.

Poisons Queries

In view of the volume of correspondence which has resulted from the coming into force of Part II of the Pharmacy and Poisons Act, 1933, subscribers are asked before sending us inquiries to consult the *C. & D.* "Poisons Guide," also the following articles which have appeared in the *C. & D.*: How to Supply Poisons (January 18, p. 69); Labelling of Poisons (March 7, pp. 284, 285); Wholesale Dealing in Poisons (April 25, 493).

J. B. (19/00).—Acetanilide, in preparations used for human ailments, is a Part I poison, so that articles containing it can only be sold by authorised sellers of poisons.

C. V. H. (18/51).—Alkali fluorides other than sodium and potassium are in Part I of the list. Calcium fluoride is not an alkali fluoride, calcium being an alkaline earth.

O. G. (19/44).—Articles exempted by the Third Schedule to the Pharmacy and Poisons Act are not regarded as poisons. Thus, they are not subject to labelling restrictions and can be sold by anyone.

J. P. (17/58).—Chlorodyne B.P.C. may or may not be a First Schedule poison according to the amount of hydrocyanic acid it contains. This matter was the subject of an original article in the *C. & D.*, January 25, p. 110.

C. J. K. (24/48).—Suppositories can be regarded as medicines made up for internal treatment of human ailments. Among other considerations for this classification is that the dose is usually indicated on the container.

E. L. (20/44).—Lead and sulphur hair restorer is usually outside the Pharmacy and Poisons Act owing to the small amount of lead acetate therein. Under the Third Schedule exempted articles are those containing less than 4 per cent. of lead acetate.

P. L. M. (26/58).—A listed seller of poisons can, as a listed seller, only retail the articles indicated on the application form for registration. On the other hand, articles exempted by Rule 11 (Third Schedule) from the provisions of the Pharmacy and Poisons Act, 1933, and the Poisons Rules may be sold by any trader.

C. E. H. (19/51).—The entry in Part I of the Poisons List is "Ephedra, alkaloids of," and the only exemptions are (Third Schedule) substances containing less than 1 per cent. of the alkaloids of ephedra. Since pseudo-ephedrine is an alkaloid of ephedra, we do not see how you can make your tablet an exempted preparation in the manner you suggest.

W. P. (21/44).—Since the qualified chemist to whom you refer is acting as manager for another chemist, he is not an authorised seller of poisons though acting in this capacity for his employer. Consequently he is entitled to turn his pharmacy into a drug store. If he is a married man, it might be better still to conduct this business in his wife's name and under her control.

G. J. W. (13/58).—The personal use of "dangerous" drugs by a practising medical man has never been regarded as requiring a record, and this provision is continued in the Dangerous Drugs (Consolidation) Regulations, 1928, 11 (7) (i), which states that administration by or under the direct supervision and in the presence of a duly qualified medical practitioner or a registered dentist does not constitute supply.

Clissold (12/44).—National Health Insurance prescriptions are exempt from the provisions of Section 19 of the Pharmacy and Poisons Act, but are subject to the restrictions imposed by Rule 12, which relates to poisons in the Fourth Schedule. The only difference between an N.H.I. and an ordinary prescription under this Rule is that the former need not bear the address of the person giving it, nor need it be kept on the premises where dispensed for a period of two years.

J. P. G. (19/44).—Codeine phosphate only comes within the Dangerous Drugs Acts in quantities of one pound or more. Thus, generally speaking, the wholesaler is affected, but not the chemist in retail business. In the case of the prescription you mention, there is no need for a reference in the Dangerous Drugs Register. The wholesaler, on receiving an order for one pound or more of a codeine salt, is bound to enter the order in his register and also to be sure that the person ordering it is a suitable person to be in possession thereof.

D. D. (19/51).—The spirit of salts label does not comply with the labelling requirements of the Pharmacy and Poisons Act, 1933. It should read:—Spirits of salts (Hydrochloric acid, 32 per cent. w/w). Poison, not to be taken. Name of seller and address of premises.

A. F. D. (19/55).—Under the Sixth Schedule there are alternative ways of indicating the amount of suprarenal and thyroid glands, and under the Seventh Schedule, preparations containing thyroid must be labelled: "It is dangerous to take this preparation except under medical supervision." Although the amount of amylocaine is below the amount indicated in Schedule I, the product would still be a poisonous preparation so far as the amylocaine is concerned, and the proportion of it would have to be indicated in the case of retail sales.

J. A. (12/58).—A motor van cannot be regarded as "premises" for the purposes of poison law, and the Home Office states that it is advised that direct sales therefrom are illegal. However, it is quite lawful for the vanman to take orders for poisonous articles (which must be a signed order for a First Schedule poison) for delivery from the shop by a van (after fulfilling registration formalities in the case of a First Schedule poison). As an authorised seller of poisons you are in a better position than a "listed seller of Part II poisons," as the latter is restricted in regard to the form in which the poison can be supplied.

D. M. C. (18/44).—The present packing of your tablets is in the main satisfactory until December 31, 1936, although it should contain one or two more particulars in order to comply with the labelling regulations of the Poisons and Pharmacy Act, 1908. Ephedrine is a Part I poison, so that preparations containing it are Part II poisons, and the labelling conditions are given in the *C. & D. Diary*, 1936, p. 295. It is possible that the product may be exempt from the new labelling regulations, since under the Third Schedule of the Pharmacy and Poisons Act, 1933, substances containing less than 1 per cent. of the alkaloids of ephedra are exempted preparations. Without knowing the weight of a tablet we cannot form an opinion as to the percentage of ephedrine contained therein.

M. P. W. (5/4).—It would be impracticable to treat every small order for a mixture containing poison as a prescription and enter it in the prescription-book. The next question is whether such mixtures are to be regarded as coming under Schedule VII (2), "medicines . . . made up ready for the internal treatment of human ailments . . . ." If so, the name and proportion of each poison present are declared, with the name and address of the seller and the "Caution-ary" notice. The pharmacist must judge in each case whether the medicine is "made up ready" (apart from dilution) or whether it is merely a collection of ingredients waiting for others. In the latter case, it will be well to avoid the use of any such expression as "The Mixture," and it will be necessary to carry out the relevant labelling provisions.

C. E. P. G. (12/58).—The label of a disinfectant fluid containing 20 per cent. of phenols will have to bear the following particulars:—

(1) Name of poisonous product (i.e. disinfectant fluid).
(2) Name and proportion of poison (phenols, 20 per cent. w/v.).
(3) The words "Poison. Not to be taken."
(4) The name and address of the actual seller.

A listed seller can only sell such liquid disinfectant in the same container as received from the manufacturer (who must comply with the above labelling requirements except name and address, which label must be affixed by the retailer). The words "Poison. Not to be taken" should be on a separate label or in a frame not containing any wording other than the above (i.e., apart from any directions for use).

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

M. T. (29/48).—HENNA BRILLIANTINE.—We suggest you proceed in the following manner:—

Macerate ½ drachm of powdered henna with 3½ ounces of oil at 120° F. for three hours, and then filter. This can then be used as an addition to any of the usual types of brilliantine, e.g.,

Castor oil	2 dr.
Henna oil as above	4 oz.
Oil of rose geranium	15 drops
Isopropyl alcohol	to 6 oz.

J. T. B. (19/54).—ANALYSIS OF DOG'S STOMACH.—To test the contents of a dog's stomach for strychnine is not a simple proposition, but probably the following procedure will in all, or nearly all, cases prove successful. Boil for two minutes the contents in a pint of distilled water, acidulated with 10 c.c. of acetic acid, cool, filter, using a little kaolin on the filter if necessary, and evaporate the filtrate on a water bath to dryness. Then extract repeatedly with boiling 80 per cent. alcohol (4 parts industrial spirit plus 1 part water). Filter if necessary and evaporate the alcoholic extract to dryness on the water bath. A little of this residue may be examined by the B.P. tests. If a good reaction is obtained, that may be considered satisfactory. Otherwise, dissolve the residue in 20 c.c. water and 2 drops acetic acid, transfer to a separator, add 15 c.c. chloroform and sufficient ammonia to render it distinctly alkaline; shake well during three minutes, allow to settle until a portion of the bottom layer of chloroform has settled out quite clear; draw off this clear layer into a porcelain dish, evaporate to dryness on the water bath and then apply the tests to small separate portions of the residue. This should be quite satisfactory from the qualitative standpoint. In principle, this is the same as the quantitative method, which, however, would require very much more technical care than here prescribed.

A. W. (18/58).—ASTRINGENT FACE LOTION.—A similar preparation could be made from the following formula:—

Alum	¾ oz.
Borax	¾ oz.
Glycerin	½ oz.
Orange flower water	10 oz.
Distilled water	10 oz.

Dissolve the alum, add the borax, allow to stand about half an hour, then add the glycerin.

W. & S. (19/58).—PARALDEHYDE ANTIDOTE.—There is no known specific antidote for treatment of the condition following the administration of paraldehyde. The first essential is that administration should be stopped, and soothing lozenges, made up with glycerin and fruit basis, given freely. Common salt and bicarbonate of soda throat irrigations, sodium perborate or peroxide gargles may be tried. The throat specialist appears to have used the only preparation which is of any so-called specific value, but treatment is more or less by the trial and error method. In very severe cases of irritation, such conditions of the throat have been treated with mercurochrome and a 10 per cent. silver nitrate solution, but this must be done obviously with great care. The throat should be examined to ascertain the extent of the damage, and a visit to the throat department of any general hospital would be advisable.

H. P. C. (25/58).—SCORCH MARKS ON THE FLESH.—To remove scorch marks from ladies' legs, we suggest the use of hydrogen peroxide slightly acidulated with lactic acid. Alternatively, the following preparation may be used:—

Boric acid	6 gm.
Zinc oxide	12 gm.
Almond oil	24 c.c.
Glycerin	12 c.c.
Wool fat	72 gm.
Rose water	24 c.c.

Triturate the wool fat with the expressed oil of almond in a warm mortar. Incorporate the zinc oxide and the boric acid and rub until a smooth mixture results. Finally incorporate the glycerin and the rose water.

W. H. J. (25/58).—SILVER NITRATE IN SWEET SPIRIT OF NITRE.—A 5 per cent. solution of silver nitrate in sweet spirit of nitre keeps for twenty-four hours as reasonably clear as any other silver solution when made with liq. ethyl nit. plus rectified spirit. When made with liq. ethyl nit. plus industrial alcohol, then it rapidly becomes turbid and gives a brown deposit within twenty-four hours. The liquor used was in the acid condition found in many samples of liquor or spirit which has been kept a few months.

J. D. (18/58).—ACCELERATOR FOR DENTAL PLASTER.—It is generally considered that an efficient anti-expansion accelerator can be made with either sulphate, chloride or nitrate of potassium, using borax as a controlling retarder. Potassium tartrate, or Rochelle salt, can be used without a retarder in the case of a slow setting plaster. Borax, sodium carbonate, and sodium bicarbonate have given good results as retarders in conjunction with potassium sulphate, but borax is preferred. Alum owes its power of acceleration and moderate reduction of expansion to its potassium sulphate content, aluminium sulphate being relatively inert. Sodium chloride is inferior to alum. An anti-expansion accelerating solution recommended a short time ago by a dental investigation committee contained 4 per cent. potassium sulphate, 0.04 per cent. alizarin sulphate, and amounts of borax varying between 0.4 per cent. and 1 per cent.

F. F. (26/58).—WORMS IN LAWNS.—The preparation you have in mind as a worm killer is mowra meal. This should be applied at the rate of eight ounces per square yard and well watered in. When worming operations are undertaken, a day should be chosen when the worms are likely to be working, that is in damp, muggy weather.

E. G. E. (25/58).—ANTS IN A BAKEHOUSE.—Your customer is hardly likely to be successful in ridding his bakehouse of ants unless he can trace the insects' nest. The nest is hard to find, though by looking carefully, the insects' tracks can be observed leading towards it. When the nest is discovered it can be destroyed by means of boiling water. Direct killing of the workers only, while helpful, will not as a rule bring about complete success, though it may greatly reduce the food supply of the nest if vigorously pursued. Routine treatment of the affected places with insect powders, particularly of the pyrethrum type, is useful, and ants can also be trapped and killed by means of sponges soaked with sugar solution to which suitable poison is added. If the situation of the nest can be located or inferred from the tracks mentioned, it can be attacked by means of fluid insecticides, though even then it is not certain that these will in fact reach the nest.

Retrospect of Fifty Years Ago

Reprinted from
"The Chemist and Druggist," May 29, 1886

Registrar-General's Report

Deaths during the year 1884 numbered 530,828, or a proportion of 19.6 to every 1,000 persons living. . . . Of the total number of deaths due to diarrhœa, namely, 26,412, 17,754 were of children under one year, and 4,894 were between one and five years old, but it is infants under two years which are swept off so ruthlessly. . . . We also find that deaths from poisoning due to accident or neglect were 310, as compared with 374 in the previous year; from suicide 241, as compared with 264. . . . The 310 accidental deaths include 72 cases of lead poisoning, which should properly be excluded as not being poisoning in the ordinary sense of the term, but due to and only manifested in special vocations. With this excluded, therefore, we find 238 deaths due to what may be called acute poisoning, and of this number 38 were due to alcohol, improper food, and such poisons as laburnum seeds and lucifer matches, none of which can properly rank as medicinal agents, so that the actual number of accidental deaths due to poisonous chemicals and drugs is only 200. [In 1934 it was 85.—EDITOR.]

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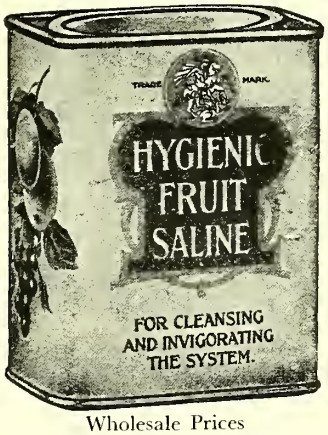

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Wholesale 16⅔%

Carriage paid on all orders

★

YEAST TABLETS

Can now be obtained in Cartons of 1 & 2 doz. bottles, containing 50 tablets, and Cartons containing 1 doz. bottles of 100 tablets.

YEAST IMPROVES THE COMPLEXION

Supplies of Calder Yeast Tablets may be obtained through Wholesalers

CALDERS' YEAST Co. LTD. INVERKIP ST., **GLASGOW,** C.5

"CLARKES"

Brand

World-famed Blood-purifying Medicine

"BLOOD MIXTURE"

Registered Trade Mark

UNSTAMPED, FOR SALE BY CHEMISTS ONLY

P.A.T.A. PRICES

"CLARKES" *Brand* **BLOOD MIXTURE**
(Liquid and Tablets)

Retail **3/-**. 3 doz. lots **£4 - 4 - 0** *less* **3¾%** *one month*
12 „ „ **£16-16-0** „ **8¾%** „ „
CARRIAGE PAID PACKING FREE

ASSORTED ORDERS

	Retail	Per Doz.
"CLARKES" *Brand*		
"BLOOD MIXTURE" *(Liquid)*	1/9	16/4
„ „ „	3/-	28/-
„ „ „	12/-	112/-
"BLOOD MIXTURE" *(Tablets)*	1/9	16/4
„ „ „	3/-	28/-
„ „ „	5/-	46/8
SKIN LOTION	1/3	11/8
SALVE	1/3	11/8
„	3/-	28/-
„	5/-	46/8
APERIENT PILLS	1/3	11/8
„ „	3/-	28/-
MEDICATED SOAP		Doz. Tablets
Box 3 Tablets	2/6	7/10
Single Tablets	1/-	

Orders may be assorted as desired at above rates provided they reach minimum values, as follows:—

£4 - 4 - 0 *less* **3¾%** *one month*
£16 - 16 - 0 „ **8¾%** „ „
CARRIAGE PAID PACKING FREE

ORDERS may be sent direct or through the usual wholesale houses

The Lincoln & Midland Counties Drug COMPANY, LIMITED

PARK STREET, LINCOLN

Telegrams: "Lindum, Lincoln" Telephone: Lincoln 55

THE

'EX-LAX'

RADIO

DOUBLE BONUS

WINDOW SHOW

OFFER

CLOSES
TUESDAY NEXT
JUNE 2ND

POST YOUR ORDER NOW

Send an order for a £1 7s. 0d. or £2 14s. 0d. parcel of EX-LAX brand Chocolate Laxative direct to EX-LAX Ltd., Slough, Bucks, naming the wholesaler by whom delivery is to be made and DOUBLE THE USUAL BONUS will be allowed for this display.

The usual bonus will be sent by the wholesaler and the display and additional bonus by EX-LAX Ltd.

LISTEN TO
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Rivista Italiana delle Essenze, dei Profumi e delle Piante officinali

EIGHTEENTH YEAR OF PUBLICATION

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Director: - - - - Dr. EMMA FENAROLI
Editorial Offices: - VIA S. VINCENZO N.38 MILAN
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HALIBUT LIVER OIL

PURE HALIBUT LIVER OIL, CAPSULES AND EMULSION

We offer genuine Halibut Liver Oil of high vitamin potency, also Halibut Liver Oil Capsules and Emulsion. Ask for samples and prices.

LOFTHOUSE & SALTMER LTD—HULL

KOMPO FOR COLDS

Wholesale Prices
1/3 Size
11/6 per dozen net
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27/6 per dozen net
Carriage Paid Gross Quantities or equivalent.

Manufactured only by
J. F. WHITE & CO., Chemists
BENSON STREET, LEEDS.
Counter Bills free on application.

GLYCERINE
The Purest Quality on the Market. Produced by
THOMAS HEDLEY & CO., LTD., TRAFFORD PARK
Chemically Pure B.P. Industrial White. Pale Straw.
Sole Distributors:
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DOLS'
VOLATALISE FLANNEL

THE WONDERFUL REMEDY for RHEUMATISM, NEURITIS, SCIATICA, LUMBAGO, etc.
Now is the time to look to your stock. Send for price list to
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VIADUCT ST., HUDDERSFIELD

'CUTTERS' (REGISTERED) THE ORIGINAL AND ONLY 'CUTTERS' **'CUTTERS'**
HEAD & NERVE POWDER
FROM YOUR WHOLESALER, OR SEND DIRECT TO PERRY'S POWDERS, LTD., LEEDS

JUNE The Hay Fever Month 'Endrine' Bonus Month

To coincide with the Hay Fever season a 13 to the dozen offer will be in force on 'Endrine' Brand Nasal Compound during the month of June. This bonus is offered in return for a fortnight's display.

Every doctor in your district will be told about "'Endrine' for Hay Fever" by mail, by personal calls from representatives, and by advertisements in all leading medical journals.

Do not miss any sales—the Hay Fever sufferer demands immediate relief and will go elsewhere if you have no stocks. Your 'Endrine' stocks for June should at least be up to winter level—in both 1934 and 1935 sales for the Hay Fever season were higher even than in the preceding winter months.

Recommend 'Endrine'—every bottle sold means an extra half-crown in your till. Its efficacy is vouched for by the prescriptions you receive from your local doctors.

PETROLAGAR LABORATORIES LIMITED, OLD HILL STREET, LONDON, N. 16.

For Your Window

A new showcard specially designed in bright summer tones to attract Hay Fever and Summer cold sufferers to your pharmacy.

EXTRA PROFITS ON 'ENDRINE'

MASON'S EXTRACT OF HERBS WINDOW SHOW TERMS ARE NOW AVAILABLE

Apply for Illustrated Particulars to

NEWBALL & MASON LTD. - NOTTINGHAM

GIANT PROFITS!

Yes—100% on cost is a good profit on a remarkably good product.

Gibson's *NEW* Vermin Killer is absolutely in the forefront in meeting the new regulations and yet triple strength and really effective by reason of an *extra concentration* of Red Squill.

Available for sale by Chemists only—in 3d. and 6d. packets.

ROBERT GIBSON & SONS LIMITED

The originators of "Chemists' Quality"

HULME, MANCHESTER

Awarded Certificate by The Institute of Hygiene for Purity—Quality—Merit

LOCARNO
MEDICATED TOILET ROLL

COSTS 33/- per gross

BRITISH MADE

SELLS AT 72/- per gross

Sales restricted to Chemists

You are sure of repeat orders by selling the "LOCARNO"

Contains 650 sheets of pure white sulphite paper

Free delivery in United Kingdom (Ireland excepted)

Packed in ½ gross cartons

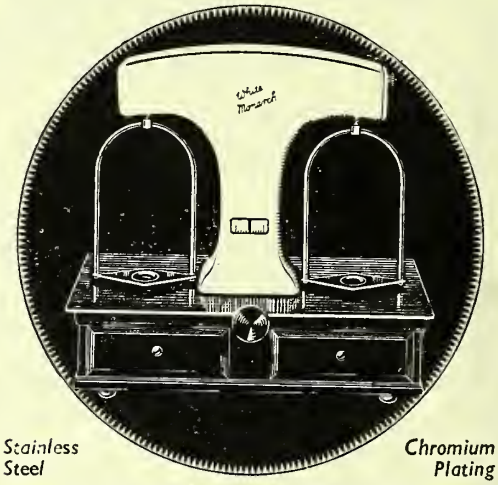
Free sample roll on application

Each Roll 12 oz.

Sole Manufacturers
J. RUTHERFORD & Co LTD
VICTORIA PAPER MILLS,
VICTORIA Rd HOLLOWAY, LONDON, N.7

CONTRACTORS TO H.M. GOVERNMENT

WHITE MONARCH
THE
MODERN ENCLOSED DISPENSING BALANCE



Stainless Steel *Chromium Plating*

Entirely protected from dust and fumes by the white porcelain enamelled housing. Strongly made to withstand hard usage and yet retain its sensitivity

ASK YOUR SUNDRIES HOUSE TO SHOW YOU ONE

WILLIAM A. WEBB, Ltd.
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WHOLESALE & EXPORT

HYPODERMIC SYRINGES & NEEDLES
BRITISH MADE
"FIVEPOINT" Original Record Syringes
"FIVEPOINT" Glascord Syringes
"FIVEPOINT" Two-piece Glass Syringes
FULL PARTICULARS ON APPLICATION

GENERAL SURGICAL Co. Ltd., ROSEBERY AVENUE, LONDON, E.C.1

"TOURNIQUET" SMITH LONDON CLERKENWELL 6046, 6047

An invaluable protection after Sprains or Fractures

VIC
WRIST SUPPORT
Patent No. 410258

Essential for use after the removal of splints. Popular with all sportsmen and sportswomen for its economy and reliability.

PRICE 9d. EACH

Stocked in Natural, Flesh & Tan by all leading Wholesalers.
Sole Manufacturers: Grout & Co., Ltd., London, E.C.2

These Lines mean increased Trade!

Every need of your lady customers is met by Hosezene Products which show a good margin of profit and are attractively packed. Samples and further details of the lines illustrated, also Baby Pants, Nursing Aprons, Cotton Wool, etc., will be forwarded on request.

ALL BRITISH MADE

HOSEZENE STERILIZED ACCOUCHEMENT SET

meets a very definite need for a complete outfit of guaranteed first quality goods. *Ask for particulars.*

SANITARY HOSEZENE TOWELS

TRADE MARK

The HOSEZENE Co. Ltd. NOTTINGHAM

"A.1 PURE" TOILET TISSUE

A medicated roll of superfine tissue.

DIGNIFIED WRAPPING.

PACKED READY FOR SALE.

BOXED HALF DOZENS.

P.A.T.A. price 6d. each. 2/9 per carton of 6 rolls.
Trade price 42/- per gross or 3/9 per dozen.
NET.

Carriage free 14 miles radius of London. *Carriage Paid on orders of £3 and upwards elsewhere.*

SPICERS LTD. UNION STREET LONDON, S.E.1

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Clinicals

The Choice of Experts

BRITISH MADE

NO HIGHER IN PRICE THAN NONDESCRIPT MAKES

Also Household, Bath and Works Thermometers, the best of their kind

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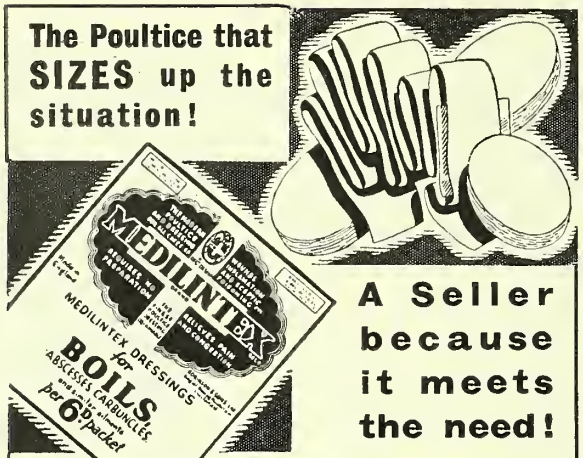
MORDEN RD., MERTON, LONDON, S.W.19
Phone: Liberty 2283-4-5

The Poultice that SIZES up the situation!



A Seller because it meets the need!

EVERYONE needs a poultice occasionally. And everyone will welcome Medilintex—the poultice dressing that retains its healing and drawing properties for 24 hours. Cut to convenient sizes and packed with waterproof cover and bandage, Medilintex retails at the popular price of 6d. Larger sizes 1/- to 6/6. Show Medilintex to the next customer who needs a poultice dressing. You'll make an immediate sale.

Send for samples and further information

MEDILINTEX BRAND

THE MODERN POULTICE DRESSING

ROBINSON & SONS LTD.

Wheat Bridge Mills, Chesterfield, & 168 Old Street, LONDON, E.C.1

The famous "Town Talk" Liquid Silver Polish, Silver Plate Cloth, Liquid Pewter Polish, Chromium Plate Cloth, and Cut Glass Cloth, afford you five ways to a woman's purse. They are consistently advertised in women's newspapers and journals, and their qualities make them quick-selling, repeat-order lines.

Push the "Town Talk" 5, they yield a good profit and bring customers into your shop.

ORDER DIRECT OR FROM

MANCHESTER: James Woolley Sons & Co., Ltd.
LEEDS: Goodall, Backhouse & Co.
LEICESTER: E. H. Butler & Son.
LONDON: Brooks & Warburton, Ltd. May, Roberts & Co., Ltd.
LIVERPOOL: Ayrton, Saunders & Co. Ltd.

THE TOWN TALK POLISH CO., MANCHESTER, 10

'ACCOSON'

TRADE MARK

CLINICAL

THERMOMETERS

Guaranteed Lifetime accuracy

- *Perfect Finish*
- *Easy to Read*
- *Indelible Markings*

when next ordering clinicals ask your Wholesale House to supply "ACCOSON" TRADE MARK made

Customer's name engraved on back of thermometer at no extra charge

NOW SUPPLIED IN INDIVIDUAL CARTONS

Obtainable from

ALL LEADING WHOLESALE HOUSES

A. C. COSSOR & SON (THERMOMETERS) LTD.

ACCOSON WORKS, VALE ROAD, FINSBURY PARK, LONDON, N.4

The Leading British House for all types of **THERMOMETERS** *for over 75 years*

MATTHEWS

CHEMIST SHOP FITTERS

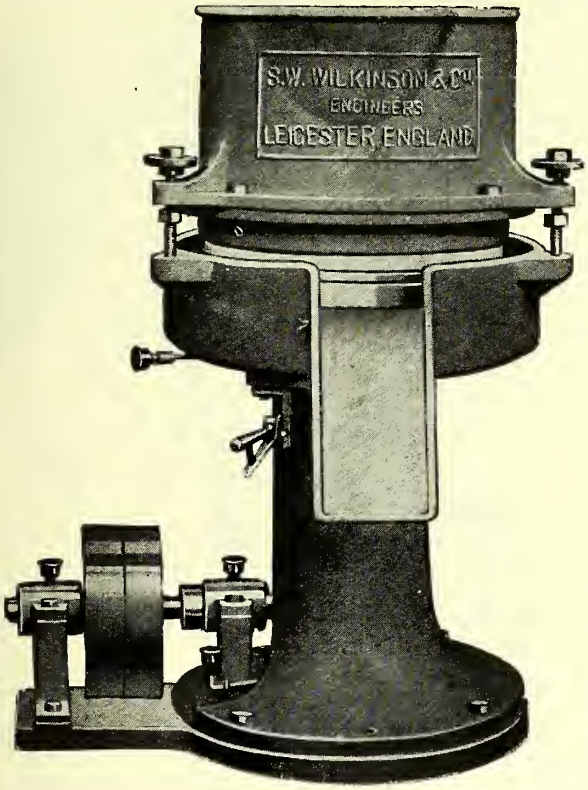
14 & 16 MANCHESTER ST., LIVERPOOL, 1

Established 1848 Tel.: Cent. 2695

You need only stock the full range of Southall's Sanitary Towels to satisfy the needs of all of your customers.

- The "ORIGINAL" and most popular.
- The "CELTEX" soluble, easily disposed of.
- The "K" made entirely of absorbent cotton wool, with very soft cover.
- The "COMPRESSED" for travelling, A very popular line.

SOUTHALLS (BIRMINGHAM) LTD.



The Latest Triumph in

OINTMENT MILLS

SUPER SPEEDY MILL

IN REGULAR USE ALL OVER THE WORLD

THIS Machine is a combined Mixer and Grinder and is used very successfully in the production of all kinds of Ointments, Tooth Pastes, Beauty Creams, Patent Foods, etc.

Each Machine incorporates Thirty Years' Accumulated Experience

S. W. WILKINSON & Co.

Chemical Engineers and Specialists in Pharmaceutical Machinery

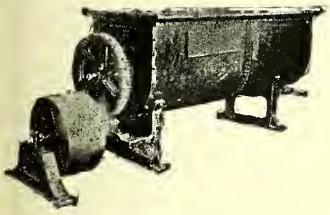
Western Road, LEICESTER

GARDNER'S

'Patent "Rapid"

MIXERS

FOR ALL KINDS OF MATERIALS



These mixers are being used with success by both large and small firms of Manufacturing Chemists whose products range from cosmetics to Baby and Stomach powders. Will blend one part with 1,750.

Some other

GARDNER HIGH EFFICIENCY MACHINERY

Sifters
Combined Sifters and Mixers,
Spraying and Blending Plant,
Dryers.

Wm. GARDNER & SONS

(Gloucester) LTD., Bristol Road, Gloucester

Telephone: 2288 (2 lines) *Telegrams : "Gardner, Gloucester"*

London Office: 19 Gray's Inn Chambers, 20 High Holborn, W.C.1

Telephone : Chancery 7347

JACKSON-CROCKATT

PATENT

PACKING MACHINES

FOR ALL POWDER MATERIALS

"JUNIOR 45" PACKING MACHINE with washable stainless steel hopper. Quickly dismantled for cleaning.

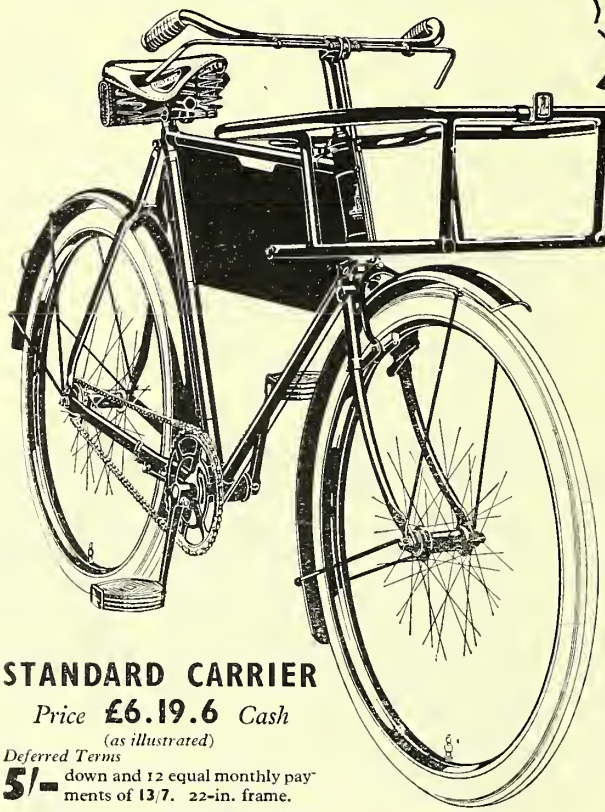
For Packing—To uniform density, Face Powder, Toilet Powder, Maclean's Powder, Magnesia, Curry Powder, etc.

Self-Contained Motor Drive

J. G. JACKSON & CROCKATT Ltd.

Engineers, DARNLEY STREET, GLASGOW, S.1

"A record number of deliveries to-day thanks to the RALEIGH CARRIER!"



The day's stack of orders diminishes with astonishing rapidity when deliveries are made on the Raleigh Carrier. Specially designed to carry heavy loads, and constructed throughout from extra strong materials, this easy-running machine is a marvel of reliability, standing up to all weathers and constant rough usage. Built as only Raleigh, the world's finest cycle manufacturers, know how to build. Guaranteed for ever.

STANDARD CARRIER

Price **£6.19.6** *Cash*
(as illustrated)

Deferred Terms
5/- down and 12 equal monthly payments of 13/7. 22-in. frame.

LOW GRAVITY CARRIER

At same price and terms as above. 22-in. frame.

Specially designed for carrying heavy or bulky loads without skidding — 20-inch front wheel and larger basket fitment. An instantly operated stand built into the carrier is an important feature. EVERY RALEIGH CARRIER CYCLE has the finest equipment . . . BROOKS' SADDLE, DUNLOP TYRES, etc., etc.

RALEIGH
THE ALL-STEEL BICYCLE

THE RALEIGH CYCLE COMPANY LIMITED, NOTTINGHAM. (Depots and Agents Everywhere

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

MAY 30, 1936

ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

BUSINESSES WANTED and for DISPOSAL, PREMISES TO LET and FOR SALE, PREMISES WANTED, PARTNERSHIPS, GOODS for SALE and AGENCIES—**6/-** for **50** words; every additional **10** words or less, **6d.** (Box No., **1/-** extra.)

SITUATIONS OPEN—**6/-** for **40** words; every additional **10** words or less, **6d.** (Box No., **1/-** extra.)

SITUATIONS WANTED—**2/-** for **18** words; every additional **10** words or less, **6d.** (Box No., **1/-** extra.)

LEGAL NOTICES, TENDERS, AUCTIONS, and all specially-spaced announcements, **1/3** per nonpareil line (12 lines = 1 inch single column). (Box No., **1/-** extra.)

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EXCHANGE COLUMN (for Retailers, etc.)—**Twopence** per word, minimum **2/-**. (Box No., **1/-** extra.)

REPLIES FROM ADVERTISERS—**1/-** per line; **3** lines **2/6.**

THE CHEMIST & DRUGGIST, 28 Essex St., Strand, London, W.C.2

Telephone: Central 6565 (10 *lines*). *Telegrams: "Chemicus, Estrand, London."*

CLOSING FOR PRESS

All advertisements intended for insertion in this Supplement must reach us not later than FIRST POST THURSDAY MORNING

ORRIDGE & CO. 56 LUDGATE HILL, E.C.4

ESTABLISHED 1846 *Telephone Nos.: CITY* 2283 & 7477

May be CONSULTED at their Offices on MATTERS of SALE, PURCHASE & VALUATION

We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

1.—FINSBURY PARK (NEAR).—Wholesale Manufacturing and etail Business for immediate disposal owing to death of Proprietor; turns about £2,000 per annum; excellent profits; new lease at £150 per mum; price for quick sale about £800 all at.

2.—WALTHAMSTOW, MAIN ROAD.—Death Vacancy—Middle lass Business with excellent Panel; takings average £1,450 to £1,500 per nnum; very good profits; spacious living accommodation which will be t into good repair by Executors; new lease at £100 per annum; price l at £650–£675.

3.—ENFIELD.—Good Middle Class Business; returns about £40 eekly; Accountant's figures; main road position; nicely fitted shop, ell stocked; price £850 all at.

4.—LONDON, S.E.23.—Good Middle Class Business offering scope for crease; returns last year £1,539; Chartered Accountant's figures; nice ving accommodation; back entrance; garage; rent £75–85 per annum; eld on lease; price for immediate sale £800 or valuation terms enterained; Vendor retiring.

5.—KENSINGTON (NEAR).—Modern shop with increasing turnover, urrent year will be about £2,000; stock and fixtures worth about £700; rice by negotiation.

6.—TULSE HILL (NEAR).—High Class Main road Business with turns exceeding £3,000 per annum under management; excellent osition; stock and fixtures worth about £1,300–£1,400; reasonable sum r goodwill will be accepted.

7.—NORTH LONDON.—Old-established Business for sale owing to l-health and advanced age of Vendor; returns last year approached 1,500, including Panel 11,000 to 12,000 scripts; net rent £48; price 1,000–£1,100; scope for increase in hands of younger man.

8.—KENT, SUBURBAN.—Well-established Middle Class Business n good position; increasing turnover at present at rate of £1,100–£1,200 er annum; recently decorated house; option to purchase property; ock and fixtures worth about £500; price £675 all at or near offer; scope r Optics.

9.—HAMPTON COURT (NEAR).—General Retail Business with ptical connection; attractive shop; good living accommodation; returns st year £1,565; gross profit £595; long lease; reasonable rent; main road osition; price to be arranged; Optical need not be taken over unless equired; price adjusted accordingly.

10.—BELVEDERE (NEAR).—Business and Branch for disposal; endor retiring; returns £1,300 and £900–£1,000, respectively; main road positions; stocks estimated at £400 and £220, respectively; rents £40 and £50; price for both businesses about £1,000 all at or valuation terms would be entertained; could be purchased separately if desired.

11.—KENT (NEAR COAST).—Unopposed Cash Retail Business; established 1876; returns about £1,200 per annum; scope for increase; gross profit £450; rent £78; sublet £50; property can be purchased; healthy district; Vendor retiring; price asked £950.

12.—SUSSEX COAST.—Well-established Business; returns last year £1,564; rent £80; house can be had if required; price for quick sale £350–£400.

13.—STOKE-ON-TRENT.—Medium Class Business; strictly cash; established 30 years; returns under management exceed £1,000; stock worth about £400; net rent £20; rates £23; offers invited.

14.—ESSEX.—Country Retail Business with increasing turnover under management; returns at present at the rate of about £1,250 per annum; moderate rent; long lease; stock and fixtures worth about £550; reasonable sum will be accepted for goodwill; offers invited.

15.—BEDFORDSHIRE.—Good Class Retail and Dispensing Business; returns under management last year exceeded £1,525; low rent; stock and fixtures worth £700–750; lump sum offer or valuation terms entertained.

16.—BRIGHTON.—Drug Store; returns last year £538; has done £30 weekly under qualified management; large shop; rent £30 per annum; renewable lease; price £100 plus stock, in all about £270.

17.—STOCKPORT (NEAR).—Good Class Country Business in pretty locality; very old-established; steady turnover, approaches £1,650; rent £65 per annum to include house, or property can be purchased for £800; price required for business £800.

18.—LEEDS.—General Retail Business with turnover of over £1,900 per annum and net profit over £500; beautifully fitted shop; rent £72; new lease; price £1,150 all at or near offer; genuine reason for sale.

19.—WESTERHAM (NEAR).—General Retail and Dispensing Business with Wine Licence; returns average £1,100 to £1,200 per annum; net profit £330; stock worth about £400; living accommodation over; rent £78 per annum; held on lease; price £850 all at.

20.—BOURNEMOUTH.—Very old-established High Class Business with Wine Licence; commodious premises; returns about £2,000 per annum; scope for increase with additional capital; further details on application.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

ERNEST J. GEORGE & Co.

Bank Chambers, 329 High Holborn, London W.C.
Telephone Nos.: Holborn 7406 & 7407 (2 lines)

15 Bridge Street, Walsall Telephone: Walsall 377

Lancashire and District Representative: Mr. E. BROWN, 21 Davenport Road, Hazel Grove, Stockport. Telephone: Great Moor 240

Correspondence, mutually confidential, is invited from prospective purchasers of the following businesses at present available for purchase.

(C1) WEMBLEY (NEAR).—Attractive modern Pharmacy with up-to-date flat, occupying prominent position; increasing turnover, now at the rate of over £3,000 p.a.; present net profit £500/£550; optical connection; price approximately £1,750; excellent proposition, particularly from the potentiality standpoint.

(C2) BERKSHIRE.—Old-established good-class profit-earning business occupying prominent position in busy shopping street; rapidly increasing turnover, now at the rate of approximately £2,600 per annum; very valuable lease and splendid future potentialities; living accommodation; price about £2,600, which is a reasonable figure for the advantages, etc., offered; well recommended from personal knowledge.

(C3) ACTON.—Old-established business situated in thickly populated area; large N.H.I.; present returns approximately £2,000 p.a.; net profit about £500; price all-at £1,500 or reasonably near offer.

(C4) CHISWICK (NEAR).—Good-class business showing steady and consistent increase; present returns approximately £2,000 per annum; lock-up shop; low rental; excellent scope; price approximately £1,100.

(C5) LEICESTER.—Old-established lock-up Pharmacy occupying prominent position; present returns upwards of £1,500 per annum with excellent scope for increase under personal proprietorship; reasonable rental and purchase price.

(C6) LONDON, S.W.—Old-established, well-fitted lock-up Pharmacy, situated in busy main road; present returns upwards of £1,600 p.a.; rent £90; no Sunday or half-holiday duty; scope for considerable further increase; price £1,250, or near offer, including stock and fixtures approximately £800.

(C7) MORDEN (NEAR).—Good family business with small optical connection, situated in growing residential area; average returns for past four years, approximately £1,850 per annum; self-contained flat with all conveniences; no near opposition; price approximately £1,100.

(C8) KENT.—Established retail business, occupying good position; owing to ill-health has not been adequately exploited during the past few years, but scope exists for early resuscitation under energetic proprietorship; turnover for last financial year £1,386; good living accommodation, including garden; low purchase price.

(C9) ESSEX.—Main road, easily worked, unopposed business with up-to-date house, including garden and garage; turnover for last year, £1,108; net profit £275/£300; rent £75; price £750 all-at.

(C10) GRIMSBY.—Old-established business with scope; average returns for past three years approximately £1,000 p.a.; net profit for last financial year, £245; rent £65; lease 21 years; living accommodation wi three bedrooms; price £750, including stock and fixtures estimated £700.

(C11) LEIGH-ON-SEA (NEAR).—Death Vacancy. Establish 40 years; in late hands 18 years; now doing at the rate of approximate £1,100 p.a., with scope for immediate increase; living accommodatio rent £40; property could be purchased if desired; price £550 all-at, repr senting little more than value of stock and fixtures.

(C12) MANCHESTER.—Good profit-earning business with excelle living accommodation; average returns upwards of £2,000 per annu large N.H.I.; rent £104; lease 21 years; price £1,600 or near offer.

(C13) MARGATE (NEAR).—Old-established business with livi accommodation, situated in prominent and improving position; prese returns approximately £1,450 per annum, but these figures cannot taken to represent any criterion of future possibilities; price £800–£85 according to value of stock.

(C14) WESTCLIFF.—Splendid opportunity for enterprising chem to acquire good progressive family business in prominent resident district; accountants' figures; turnover for last financial year, £1,363; n profit, £335; rent £100, including good house; immediate sale desired, a owner will sell at sacrifice figure; part of purchase-money could probat be raised on loan if necessary.

(C15) MOTTINGHAM (NEAR).—Old-established good-class Pharma with definite and genuine scope for development; now averaging appro mately £1,150 p.a.; good living accommodation, which has been recent redecorated throughout; no near opposition; price all-at £675.

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(C17) HAMMERSMITH. — Old-established retail and dispensi business for disposal owing to retirement; turnover for 1935 financ year, £1,120; gross profit, £499; rent £65, including living accommo tion; lease 20½ years unexpired; no near opposition; excellent sco for increase under energetic proprietorship; price by negotiation.

(C18) WEST END.—Old-established, easily worked business, w capable of providing a reasonable living to an owner-proprietor; tu over for last financial year upwards of £1,600, with scope for furtl development; attractive hours which coincide with those of the us "City" variety; price approximately £800 all-at.

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3.—SWANSEA.—Sound Progressive Business, with Wines and Spirits; returns £2,154, net profit £409; plenty of scope; good house; lease granted or freehold can be bought; owner leaving trade; price £1,000; worth attention.

4.—BEDS.—Good-class Drug Stores, with Library; returns approach £1,000, net profit £233; rent £20, inclusive; large lock-up shop; good stock; no near opposition; price £300 for quick sale.

5.—HANTS COAST.—Old-established Business; under indifferent management; returns last year £943; net profit £272; main-road position; scope for increase; owner retiring; price £485.

6.—LEIGH-ON-SEA.—Well-established Business; returns under manager £17-£20 weekly; plenty of scope; attractive shop, with good house; price £400 or offer; part can remain.

7.—KENT (few miles out).—Drug Store; in main-road position; returns £20 to £25 weekly; smart fitted shop; good stock; rent £1 week; on lease; price £400 or offer.

8.—NORTH LONDON.—Light General Cash Retail; in main-road position; returns £25 to £28 weekly, net profit £8 weekly; corner pharmacy; well stocked; ill-health compels sale; price £750, or valuation terms entertained.

9.—SOUTH LONDON.—Cash Drug and Photographic Store; in splendid position; returns £17 weekly, increasing; Chemist would soon do £30 week; attractive double-fronted shop; low rent; price £300; stock at valuation.

10.—KENTISH TOWN.—Cash Retail with Photo and N.H.I.; returns under manager over £750; scope for increase; rent £60; sublet £65; price £260 for early sale.

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BUSINESSES FOR DISPOSAL.

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GAINSBOROUGH, LINCS.—Old-established 1790; Mixed Business, Retail, with small Wholesale, including Paints and Varnishes; Rexall Agency; owner retiring; audited accounts. Collitt & Walker, Chemists, Gainsborough.

LEICESTER.—Attractive Pharmacy; main-road position; corner shop; with living accommodation; neglected business, with excellent opportunities for increase, N.H.I. and Photographic; price £450. 243/3, Office of this Paper.

LONDON.—For immediate disposal owing to illness, Cash Retail Business, established 15 years, with Kodak, Selo and Ucal Agencies; scope and accommodation for Optics; lease 16 years to run; stock approx. £400; for quick sale will accept £500 or near offer. 248/43, Office of this Paper.

SHEFFIELD.—Two recently established Businesses; attractive modern lock-up, with small Optical Practice; turnover £2,500-£3,000, and increasng; low price; good reason for disposal; further particulars upon application. 247/20, Office of this Paper.

SOUTH COAST.—In rapidly growing district, Chemist's Retail Business, with good living accommodation; present returns £10 weekly; lease or mortgage can be taken over; price £475. 248/33, Office of this Paper.

SURREY.—In good position of busy town, returning £2,700 (1935), certified figures; large, modern double-fronted shop, two rooms at rear, and well-appointed flat above; business at present under management, and offers scope for proprietor-manager; exclusive details upon application. S. F. Clark, Chemists' Transfer Agent, 34 Marksbury Avenue, Richmond, Surrey.

CHEMIST and Sub-Post Office, West London.—P.O. salary £166; trade £12 weekly; N.H.I. 200 monthly; neglected last six months; good Prescribing, Photo, Sundries, Proprietaries; rent £130 inclusive; 25 years' lease; price £400; stock by arrangement; open to offer. Douglas, 11 Rectory Road, Barnes, S.W.13.

OPPORTUNITY for young energetic man to start business on economical terms in principal street of good-class country town in West of England; original premises of old-established Pharmacy now sold for another trade; present occupier wishes to retire, would introduce a successor, and suitable premises quite near are obtainable at reasonable rent; stock and fixtures at low valuation, and under circumstances nothing for goodwill. Apply Ernest J. George & Co., Tudor House, Walsall.

PHARMACY, well stocked, Victoria district; takings average £30 weekly; excellent scope for improvement; high-class and medium trade; Kodak and Selo Agencies; price £450, including fixtures and fittings; stock at valuation; open to reasonable offer. Write Ellis Goodson, Certified Accountant, 29A Charing Cross Road, London, W.C.2.

WHOLESALE Manufacturing Chemist's Business for immediate disposal; owner retiring; own Proprietary Lines, Drugs and Patent Medicines; good connexion with Grocers, Stores, etc.; turnover increasing yearly, now approximately £11,500. There is excellent opportunity for further development; premises main road. Full particulars from 247/11, Office of this Paper.

BUSINESSES WANTED.

CHEMIST desires to purchase old-established Family Business in London outskirts taking over £2,000 annually; must stand investigation; cash available. P.C.B. 206/16, Office of this Paper.

TO FREEHOLD OWNERS
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YOUR property purchased at once at a good price if you will take a lease at reasonable rent. Decision given *in 48 hours.* Large fund waiting. Also businesses having good leases wanted for separate buyers. Write or call, Hodgins & Son, 17 Shaftesbury Avenue, W.1.

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SOUTHEND-ON-SEA.—Large Double-fronted Shop; "Staybrite steel" front; low rent; fitted up; Chemist needed in rapidly growing district. Station Estate Office, opposite Prittlewell Station.

CHEMIST.—Shop to Let, 16 ft. by 50 ft., with smart front fitted; close to Tube Station; rent £200, no premium. Sole Agents: Douglas Martin, Ltd., adjoining Tube Station, Hendon Central, N.W.4.

HIGH-CLASS Shops to Let in new parade in best part of High Road, Streatham, from £140-£500 per annum. Apply Letting Manager, 17 Streatham High Road, 'phone Streatham 9627, or Bell Investment Trust, Ltd., 115 Park Street, Mayfair, W.1. 'Phone Mayfair 4201.

SMALL but convenient Shop, ideal for Chemist, just off High Street, Marylebone; £150 p.a. inclusive. Write 249/6, Office of this Paper.

PREMISES FOR SALE.

AN EXCELLENT OPPORTUNITY.—Ipswich, County Town of Suffolk; population 90,000; newly erected Shop of imposing elevation, with dwelling accommodation; main road; centre of new estates of good type; reserved for Chemist; no opposition; price £1,075; good mortgage can be arranged. Apply Ernest O. Hines, 12A Princes Street, Ipswich.

GOOD Business or Private House for Sale; well situated central position village of Ramsbury; 42-ft. frontage; 4 bedrooms, shop, sitting-room, dining-room, kitchen, scullery, larder and usual out-offices; electric light; large garden bounded by River Kennet; good opening for Chemist and Druggist; possession on completion of purchase. Full particulars apply Pullen, Ramsbury, Wilts.

SOUND Opportunity for young Qualified Chemist; married; private house and shop attached; part premises let off at £95 per annum; Shropshire; purchase price and interview by appointment. 250/1, Office of this Paper.

APARTMENTS.

THE HAMPDEN RESIDENTIAL CLUB

FOR GENTLEMEN, Hampden Street, N.W.1. Close to King's Cross and Euston. 300 Bedrooms. 12s. 6d. to 25s. per week, including bath, attendance and boot cleaniug. All meals à la carte in dining room. Moderate tariff. Large Club Rooms, Library, Billiards Room, Reading Room and Study for Students. Illustrated Prospectus from Secretary. Euston 2244/5.

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AGENCY Required.—Well-known firm with large Selling Organisation throughout the North of England, calling on Confectioners and Grocers, is open to entertain Agency to run with their own manufactured line in Foodstuffs; extensive warehousing accommodation and large fleet of delivery vans, and every potential customer in the North of England systematically waited on by a large staff of travellers. Reply in first instance to 239/5, Office of this Paper.

DIRECTORSHIP.

MANUFACTURING Perfumers, Limited Company, established 1930, require active Director; investment £500; salary £250; share profits; open to fullest investigation. 246/4, Office of this Paper.

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COUNTY COUNCIL OF THE WEST RIDING OF YORKSHIRE.

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APPLICATIONS are invited from persons and firms (particularly manufacturers) for permission to be placed on the list of persons and firms from whom the County Supplies Committee may from time to time invite quotations for various kinds of stores, such as printing, bookbinding, motor cartage, first-aid appliances, etc., engineers' tools and stores, ironmongery, metals, hardware, furniture (school and office), soap, paper (various kinds), manufactured stationery, office sundries, textiles, clothing, haberdashery, timber (soft and hard), boot leather and leather goods, brushes for cleaning, chemicals, drugs.

Applications must be made on the official form, copies of which (together with standard conditions of supply) may be obtained from the Manager, County Supplies Department, Cliff Lane, Wakefield.

Firms who have already applied and have received acknowledgment of the form need not make fresh application.

County Hall, Wakefield. J. CHARLES MCGRATH, *Clerk of the County Council.*

HOLIDAY ACCOMMODATION.

HOLIDAY.—Furnished Hut-Bungalow at Portwrinkle (S.E. Cornwall) to Let during June and July (not available in August); good water and drainage; equipped for four; close to sea, beach and golf course. Particulars, F. Spear, Chemist, Drake Circus, Plymouth.

APPRENTICES.

REQUIRED.—Gentlemanly Youth as Apprentice for High-class West-End Chemist Business; passed Matriculation examination essential. Apply in first instance to 244/2, Office of this Paper.

SITUATIONS OPEN.

RETAIL (HOME).

6s. for 40 words or less ; 1s. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

ANCOATS HOSPITAL, MANCHESTER.—Assistant Dispenser (lady) required, M.P.S.; salary £140, rising to £160, with luncheon and tea provided; previous Hospital experience a recommendation. The Federated Superannuation Scheme in force. Applications, stating age, qualifications, experience and full particulars, to be forwarded to the undersigned, together with copies of three recent testimonials, on or before June 10, Herbert J. Dafforne, General Superintendent and Secretary.

BRADFORD ROYAL INFIRMARY.—Temporary Assistant in Dispensary. Qualified male required for two months from middle of June. Apply, giving particulars of experience and salary required, to The Pharmacist, Royal Infirmary, Bradford.

EAST LONDON SUBURB.—Young Qualified Male (single) required immediately for Dispensing and Counter; permanency; must be quick and accurate. Apply, giving full particulars of experience, when at liberty and salary required, to 249/9, Office of this Paper.

EXETER.—Junior wanted; accustomed to high-class Dispensing and Retail; good references essential; give full particulars and photo, if possible, in first letter. J. Harris, 2 Queen Street, Exeter.

FORTUNA, SURREY.—Wanted quickly, capable Assistant (preferably under 30), with good Dispensing experience; used to high-class Family Business; permanency for right man; state full particulars, wages, etc., in first letter; applications not answered in 6 days respectfully declined. 248/36, Office of this Paper.

KENT.—Qualified Lady Locum, young, required July 20-August 1, inclusive; state age, recent experience, salary required; applications not answered in 7 days respectfully declined. 246/7, Office of this Paper.

LANCASHIRE.—Qualified Assistant required for business in working-class district. Apply, giving full details of experience, age, references and salary required, to 250/2, Office of this Paper.

LONDON.—Qualified Junior Assistant required shortly; with knowledge of Photography. Apply by letter, stating age, experience, when free, and salary required, to the Secretary, Shadforth Prescriptiou Service, Ltd., 49 King William Street, E.C.4.

LONDON, W.5.—Qualified Assistant required at once for a quick Cash Business; a young man (not over 30); N.H.I. and Photographic. Apply with full particulars to 248/9, Office of this Paper.

LONDON, E.—Qualified Assistant, one accustomed to N.H.I. Dispensing and middle-class trade preferred; give full particulars of experience, names of references, age, when disengaged and salary expected. Apply (letter only) Pharmacist, 300 Amhurst Road, London, N.

LONDON, E.—Unqualified Assistant required; to a reliable all-round man good salary will be paid. Write, with full particulars, stating salary, enclosing references, which must be recent, to Pomcroy, 76 Brick Lane, E.1.

LONDON, N.—Improver or Junior Assistant; accustomed to a good-class Family Business; outdoors. Full particulars of experience, salary, etc., to T. J. Morris, M.P.S., F.S.M.C., 20 St. James' Parade, Muswell Hill, N.10.

LONDON, S.E.1.—Male Unqualified Assistant (25-30) required about June 7, for 10 weeks at least and permanency to right man; replies not answered in one week declined with thanks. Usual particulars to 246/1, Office of this Paper.

LONDON, W.13.—Required at once, a good Junior Assistant; must be a modern Window-dresser and good Dispenser. Apply with full particulars to 248/90, Office of this Paper.

MIDDLESEX.—Young Qualified Assistant, male or female, required at once. Particulars and salary required to 246/50, Office of this Paper.

MONMOUTHSHIRE.—Young Qualified Lady or Gentleman for light Retail Dispensing Business; pleasant district; no Sunday duty. Apply, with full particulars and salary required, E. J. Roberts & Sons, Newbridge, Mon.

NORTH MIDLANDS.—Limited Company. Qualified; good mixed business; N.H.I., &c.; particulars of experience, age, if convenient photo, which will be returned. Reply 247/60, Office of this Paper.

ST. ALBANS.—Young Qualified Assistant for Holiday Relief work, June 17 to September 12; probable permanency; good Dispensing and Photographic experience essential. Shields & Warren, 7 London Road, St. Albans.

A QUALIFIED Assistant; permanency or locum; good experience. Apply, giving full particulars, to 281/202, Office of this Paper.

A SMART, Intelligent Junior Assistant wanted for a General Retail and Photographic Business; one who has had practical D. & P. experience, with some knowledge of Optical Repairs, preferred. A. Rees, Chemist and Optician, 49 High Street, Billericay, Essex.

ASSISTANT (about 25); good Dispenser and Counterman; must be of good appearance and address. Roe, Chemist, Epsom.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 100 to 150 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

ASSISTANT (male), tall, of good appearance and address; must be experienced Dispenser and Counterman; competent and energetic (age about 30); permanency to right man. Full particulars of age, height, experience, salary, photo if possible, Hill & Shaw, Chemists, Cheltenham.

JUNE 8.—Young Unqualified Assistant wanted; Counter and Dispensing; state salary required and experience. Tate, Francis & Co., Ltd., 37 Roman Road, London, E.3.

JUNIOR Assistant (either sex) wanted immediately. Particulars of age, height, experience, salary required and when disengaged, H. F. Ferriss, M.P.S., 349 High Road, Lee Green, S.E.12.

JUNIOR Assistant required in good-class business from June to September, inclusive; state age, experience and salary required; applications not answered in three days respectfuly declined. Wootton & Webb, 20 George Street, Luton.

JUNIOR, at once, for 4 or 5 months; either lady or gentleman; must be accurate and neat Dispenser. Also in few months, Qualified Manager, married, for new country branch; house provided. Kirkman, New Milton.

JUNIOR Unqualified Assistant wanted as soon as possible; excellent experience in high-class business. Apply, giving full particulars of training, references, age, etc., and stating salary required, 248/22, Office of this Paper.

LADY Dispenser required for light Retail Business. Apply, giving full particulars (including height and salary), to W. J. Adlam, 70 High Street, King's Lynn. Applications not answered within a week respectfully declined.

LOCUM (London).—Qualified Chemist and Optician required immediately. Apply in first instance by letter, giving full particulars of past experience, also salary required, to Linsley's, Ltd., 308 Earl's Court Road, S.W.5.

LOCUM.—Qualified, June 15 to June 27 incl.; country market town 45 miles from London; state terms; excellent lodgings available if desired. A. W. Daleside, Lawrence Road, Biggleswade.

LOCUM, Qualified, lady or gent., required July 20 to August 1. Also a Locum for half-day every Tuesday. Meyrick and Davies, Ltd., 34 James Street, Oxford Street, W.1. (opposite Bond Street Tube). 'Phone: Welbeck 7524.

LOCUM, Qualified, preferably young; August 17 to 29, longer if free. Hugh Lloyd, Belmont Circle, Harrow Weald.

MANAGER, permanency, in S.W. district, for high-class Family Dispensing Business; age over 30, of good appearance and address; good Window-dresser. Apply, full particulars, salary required, photo and references, to 248/15, Office of this Paper.

OPPORTUNITY for Young Qualified Chemist desiring to take up Optics.—Assistant (male or female) required by Chemist-Optician, who would be prepared to give thorough tuition in Practical Optics; small salary to commence. Apply 246/5, Office of this Paper.

PHARMACIST (not over 35) wanted for branch shop in Salford; shop wants working up; salary and commission, or salary, with prospects; please give all particulars in first letter, and when free. 281/198, Office of this Paper.

QUALIFIED Assistant, either sex; Buxton district; possibility of permanency; no Sunday duty; please state in first letter when at liberty, salary required and usual particulars. 248/28, Office of this Paper.

QUALIFIED Assistant, either sex, required shortly; permanency. Apply, stating age, experience and salary required, which must be moderate, to Draycotts, Ltd., 217 Loughborough Road, Belgrave, Leicester. 'Phone: 61175.

QUALIFIED Assistant, experienced Young Man or Lady, single, for end of June; no extra duties; progressive salary and commission. Full particulars to Fereday, Cheslyn Hay, nr. Walsall.

QUALIFIED Assistant in first-class light Family and Dispensing Business. Apply, enclosing photograph, with references, to Pratt, Market Square, Warwick.

QUALIFIED Assistant (male), young, required for branch business; capable in all branches, including Window Displays; pleasant and obliging, also tactful Salesman; give full particulars; letters unanswered in 4 days respectfully declined. John, Chemist, 118 Cowley Road, Uxbridge, Middlesex.

QUALIFIED Assistant required, Lady or Gentleman; also Unqualified Young Lady Assistant; kindly enclose photograph and full particulars. Murrays, 14 Electric Parade, Clacton-on-Sea.

QUALIFIED Assistant; single; for good-class business; of good appearance and address; Optical experience an advantage. Give fullest particulars in first letter of age, salary required, experience, references; applications not answered within seven days respectfully declined. 248/44, Office of this Paper.

QUALIFIED Assistant (young) required; permanency; state age, experience, height and salary reqnired, and when at liberty. P.C.B. 206/11, Office of this Paper.

QUALIFIED Assistant (22-35) required immediately in good-class Country Business, with N.H.I. Dispensing; must be energetic and willing worker, with good references; good salary. Apply with usual particulars, or personally, Cox & Robinson, Stony Stratford, Bucks.

QUALIFIED Chemist-Optician required; Welsh-speaking preferred; state experience, age and salary; outdoors; permanency for suitable man. 247/4, Office of this Paper.

QUALIFIED Lady Pharmacist wanted as Assistant Manager in old-established Country Business in Southern Counties; previous experience of management not essential. 249/13, Office of this Paper.

QUALIFIED Locum or Permanency wanted for July; position would suit one recently qualified, or Lady. Please state when available and salary required, outdoor; W. Hampshire. 248/5, Office of this Paper.

QUALIFIED Locum wanted, June 13 to 27, for N.H.I. Dispensing; suit elderly gentleman, if active, or one just Qualified; state salary required. Foster, 23 Skinner Street, Clerkenwell, E.C.1.

QUALIFIED (male); accustomed to good-class business, Dispensing, quick Counter, including Photography, Cine and Veterinary an advantage, Window-dressing; please state full particulars of experience, age, height, salary required; good references essential; permanency to right man. Symonds, Chemist, Ipswich.

QUALIFIED Male Assistant required in light Family Retail business; state usual particulars, references, etc. Dale, Steel Bank Pharmacy, Sheffield.

QUALIFIED Male; used to middle-class business; permanency to suitable applicant; state age and usual particulars; North Staffs. 247/6, Office of this Paper.

QUALIFIED Man for branch City shop, Birmingham; gentlemanly, industrious and ability to increase turnover; able to commence immediately preferred. Reply, with photograph and references, stating age, experience and salary required, 248/40, Office of this Paper.

QUALIFIED Man required; permanency to right man. Manchester district. Full particulars to 247/1, Office of this Paper.

QUALIFIED Man (30 to 35) required in high-class Dispensing and Counter Business early in June; full particulars, references, etc.; interview if possible. Apply W. H. Dixon & Sons, Ltd., The Broadway, Haywards Heath, Sussex.

QUALIFIED; part-time (evenings 6 till 8); London; light Counter and N.H.I. Age and wages expected to 248/31, Office of this Paper.

QUALIFIED Relief Manager for about three months, commencing about June 29; London, S.W. district; prospects of permanent post for suitable man; state age, height, details of experience and salary required. 247/15, Office of this Paper.

QUALIFIED Young Assistant, West Country, Hunting district; tall, single. Evans, Tetbury, Glos.

SMART Improver or Unqualified Junior required, June 29 to September 19, inclusive; good Salesman; willing, obliging; knowledge Dispensing, Photo Sales; state salary, age. Holden, 83 High Street, Walton-on-Naze, Essex. Applications not answered within 7 days respectfully declined.

UNQUALIFIED Assistant (between 23 and 30) required as soon as possible; must be quick Dispenser, good Salesman and have pleasant manner; permanent progressive position for competent man. Wilson, 741 Barking Road, Plaistow, E.13.

UNQUALIFIED Assistant (under 30 preferred) required for three months or longer, commencing about June 8; South-West London; state age, height, experience and salary required. 247/150, Office of this Paper.

WANTED for seaside, Cornwall, Branch Manager; to live over premises; state salary required and when disengaged, and enclose references and photo. 249/12, Office of this Paper.

WANTED.—Qualified Assistant, lady. Apply with usual particulars of age, salary required, etc., to Teasdale, Drug Department, Co-operative Society, Barnsley.

WANTED.—Qualified elderly Gentleman; part time; morning and evening, or 2 hours nightly; easy berth; London. 281/201, Office of this Paper.

WANTED soon, young provincial-trained Junior Assistant, male, for London suburban medium-class business; state when disengaged, age, experience, etc. 249/2, Office of this Paper.

WANTED until end of September, about 35 miles from London, reliable Assistant; good Dispenser and Counterhand; must have good references; state age, height, experience and salary. 248/25, Office of this Paper.

WANTED.—Young Qualified M.P.S.; permanent. Apply, stating age and salary, etc., to Tile Hill Pharmacy, Ltd, Tile Hill Lane, Coventry.

YOUNG Lady (Hall) or Unqualified for old-established Country Business, or single Unqualified gentleman would suit; reliable Dispenser, good Window-dresser, Stock-keeper, etc.; alternate Sunday duty (1 hour); moderate salary; photo. Apply Roper, Chemist, Dunmow, Essex.

YOUNG Qualified Assistant required, Gent. or Lady; permanency; good Dispensing and Counter experience essential; state salary and full particulars. C. H. White, Ltd., 3 Birmingham Street, Oldbury, Birmingham.

YOUNG Unqualified Assistant required for July, August and September. W. Holmes, Chemist, 34 Waterloo Road, South Shore, Blackpool.

WHOLESALE.

ASSISTANT Chemist, preferably with some Veterinary knowledge, required for Works Chemical Laboratory; Qualified or Unqualified man considered; previous works experience an advantage, but not essential; must possess initiative and have had a good general training. Applicants should give fullest details of experience (in confidence), age, references and salary required to 244/1, Office of this Paper.

CHEMIST required, with experience in Manufacture and Packing of Pharmaceutical Preparations, in Supervision of Labour, and Chemical Plant Operation; knowledge of Therapeutics essential, and ability to advise on drafting of Medical Literature would be an advantage. Give age, full details of experience and salary required, in confidence, to 281/200, Office of this Paper.

EFFICIENT Shorthand-Typist wanted for June, July and August; must have knowledge of Drug trade; state age, experience and salary expected. 280/184, Office of this Paper.

FOREMAN, Pill and Tablet Department; good knowledge of Modern Pill and Tablet Making, Sugar-coating, etc. Hirst, Brooke & Hirst, Ltd., Sheepscar Works, Leeds, 7.

JUNIOR Shorthand-Typist, with some knowledge of Medical and Chemical terms, required by London Wholesale House. Reply in the first instance with full particulars of experience, age and salary required, in strict confidence to 281/199, Office of this Paper.

REPRESENTATIVE for Irish Free State required to call upon Doctors and Chemists; preference given to applicants with experience in Medical Propaganda. Send photograph and state age, experience and salary required in first instance to 281/203, Office of this Paper.

COLONIAL, INDIAN AND FOREIGN.

SOUTH AFRICA.—Qualified Chemist and Optician (28-32); good practical Refractionist holding either F.B.O.A., or F.S.M.C.; experienced Salesman and capable taking control and supervision staff; single; commencing salary £30 per month; 3 years' agreement; passage paid. Apply, with photograph and copies testimonials, to MH/Export, c/o S. Maw, Son & Sons, Ltd., 7-12 Aldersgate Street, E.C.1.

WEST AFRICA.—Qualified Chemist (24-26); single; commencing salary £350 p.a.; good prospects to suitable man. Apply, giving full particulars, to 280/183, Office of this Paper.

SITUATIONS WANTED.

RETAIL (HOME).

2s. for 18 words or less ; 6d. for every additional 10 word or less, prepaid. (Box No., 1s. extra.)

A SMART Qualified Manager (25), 8 years' first-class experience desires change; expert Salesman, quick, accurate Dispenser Window-dresser; irreproachable references. Reply 247/3, Offic of this Paper.

ASSISTANT, competent Dispenser, Salesman, Photography single; active; elderly; accustomed to manage; Unqualified Statim, 42 Feutou Road, Lockwood, Huddersfield.

ASSISTANT, Unqualified; experienced Dispensing, Counter locum, permanency; disengaged. F. Ham, 10 Disraeli Road Putney, S.W.15.

ASSISTANT (27); good Dispensing experience; accustomed t high-class Family trade. Bishop, 41 Hillcross Avenue Morden, Surrey.

BIRMINGHAM district.—Short-notice relief work and/or Locum Qualified. 248/39, Office of this Paper.

CAPABLE, Experienced Qualified Pharmacist (30) seeks positio as Manager, view to succession; or would purchase o deposits of £300 and agreed terms; London and provincial ex perience. 247/7, Office of this Paper.

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Printed in Great Britain for the Proprietors by EYRE AND SPOTTISWOODE LIMITED, His Majesty's Printers, East Harding Street, London, E.C.4, a
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